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## Tulip Prices are Going Upward

SINCE our purchases were made, prices on tulips of the varieties popular with florists have steadily advanced. They remain very low, and an excellent buy for the florist with a ready market for his forced plants; but we advise prompt action to cover your needs. Prices are dictated by supply, and Dutch growers are discovering that many have curtailed production of the varieties which sell cheapest.

Hyacinths of the larger sizes are scarcer than last year; and prices higher. Smaller sizes are in demand abroad for planting stock. Blue and yellow varieties are especially scarce. It is probable the supply of all hyacinths will be inadequate.

## American Grown Narcissi

Paper Whites are no more plentiful than last year. California bulbs have shown a tendency to split, with a scarcity of large bulbs. The South Carolina crop of 13 ctms . is fair. We are exercising the greatest care in purchasing from proved scources bulbs which have been inspected at several stages of their growth and harvest by our buyers.

Hardy narcissi have given an improved crop though still short of the needs of this country. In this field excellent progress is being made by the growers, in cooperation with state and federal inspectors and the prospect for the eventual production of an ample supply of vigorous clean bulbs in this country is excellent.

For 50 years we have supplied the most critical of florists with forcing bulbs of which the quality is assured by our long experience in importing and knowledge of sources; and the price by our cash buying power and convenient shipping centers in the two great importing and distributing centers-Chicago and New York.

The prices in this catalogue are subject to change without notice. Those florists who placed their orders with us before May 1st will be invoiced at early import prices.

## Vaughan's Seed Store

601-609 W. Jackson Blvd., CHICAGO
47-49 Barclay Street, NEW YORK

## Mushroom Spawn and Profitable Greenhouse Vegetables

## Mushroom Spawn (LAMBERT'S SPORE CULTURE)

Thousands of people are successfully raising delicious mushrooms in their greenhouses, basements, and outbuildings. Write for free leaflet on culture. greenhouses, basements, and outbuildings. Write for free leaflet on culture.
This vegetable is produced by planting Spawn. Our Spawn is always fresh; monthly shipments are received from our own manufacturers.
The following strains produce fairly true to type:
No. 7. Brown. (Bohemia.) Very hardy and a good producer.
No. 8. Cream Columbia. Mammoth Strain. Hardy and prolific.
No. 9. White Alaska. Mammoth Strain. A most popular sort with growers for the market.
New Spore Culture. The latect process of manufacture. A much hardier and more prolific spawn than any yet produced. Price, Lambert's spore culture
brick (weight 1 1b.), $35 \mathrm{c} ; 2$ bricks for $65 \mathrm{c} ; \mathbf{5}$ bricks, $\$ 1.50$; 10 bricks, $\$ 2.50$; 100 bricks, $\$ 19.00$. Not prepaid.

## Bottle-Spawn

Under ideal conditions of temperature and moisture, loose or bottle-spawn will start running sooner and give quicker results than the brick spawn Price $\$ 12.00$ per case of one dozen bcttles, not prepaid. One bottle to 50 sq. ft . We do not break the cases.
ENGLISH SPAWN. A very superior strain to the old English Milltrack Spawn. We are one of the largest handlers in the United States; fresh importations every few wecks (weight per brick 1 lb .). Price, brick, 25c; 2 bricks. $40 \mathrm{c} ; 8$ bricks, $\$ 1.40 ; 25 \mathrm{lbs} . \$ 3.25 ; 100 \mathrm{Ibs.} \$$,12.00 , not prepaid; if shipped from New York, $\$ 11.50$ per 100 lbs., not prepaid. Special prices on half-ton lots and up.

## Onion Sets

Egyptian or Top Onion Sets. For fali setting. Pt., 12c;qt., 20c; $1 / 2-\mathrm{pk} ., 40 \mathrm{c}$;

GRAND RAPIDS FORCING. Use. This grand forcing variety is the hardiest of all sorts for greenhouse use and is planted now to the exclusion of almost all other sorts for the purpose. Our strain cannot be surpassed in quality. Bred from single plant selections. Vaughan's Extra Selected Stock. Pkt., 10c; oz., 20c; 2 oz., 35c; $1 / 4 \mathrm{lb} ., 50 \mathrm{c}$; $1 \mathrm{lb} ., \$ 1.75$.

## Tomatoes

For Under Glass. Best Re-selected Stocks of High Germination.
Comet (Scarlet). Sterling Castle (Scarlet). Sunrise (Scarlet).
Frogmore Selected (Scarlet).
Above varieties, pkt., each, 25c; oz., 50c.
Best of All and Lorillard (two old standards). Pkt., each, 10c; 0z., 50c. Lister's Prolific (new). Latest popular English sort. Pkt., 25c.
New Globe, Pkt., 10c; 03., 50c. Chalk's Early Jewel and Bonny Best, American forcing varieties. Pkt., 10c; ox., 35c.

## NEW CUCUMBER-"The Vaughan"

The Vaughan. (The best American Cucumber.) Darker, thinner, longer and more prolific than the old standards. Pkt., 10c; 0x., $35 \mathrm{c} ; 1 / 4 \mathrm{lb}$., $\$ 1.10$.
Davis' Perfect. (Vaughan's Select Stock.) Selected for length and tapering ends. Extra fine color. Stock seed selected for forcing. Pkt., 10c; $1 / 2$ oz., 50c; oz., 85 c .

Rollison's Telegraph. Greenhouse, English grown. Pkt., 25e; $1 / 4$ os., \$2.50.

## Radish

Improved Early Scarlet Globe. Vaughan's Selected Stock. The atandard red radish for hot-bed and forcing use. An unequaled strain of this most popular sort. Oz., $10 \mathrm{c} ; 1 / 4 \mathrm{lb} ., 30 \mathrm{c} ; 1 \mathrm{lb} ., \$ 1.00$.


GIANT BLOSSOMS OF CLEAR COLORING COME FROM OUR HYACINTH BULBS

## Hyacinths Dutch-Grown (Single)



## French Roman Hyacinths

French crops are apparently lighter each year and prices are still high. It is very useful for all who grow for their own retail cutflower work for winter bloom. Growers find these useful at holidays.
Grow in flats and use for cutting same as Paper Whites. Fine for design work.

We can offer the following sizes: Per 100 Per 1000 White Roman Hyacinths, 12 ctms. and up. $\$ 12.00 \quad \$ 110.00$ Colors.

It will be a mistake for any florist to minimize the importance of hyacinths in his production program this year. While a little high in price, their finished product will bring good returns. For Easter and Mothers' Day they will be sure of a profitable sale.

We strongly advise a liberal use of hyacinths.

$$
\text { Doz. } 100 \quad 1000
$$

19 ctms . and up (Top size) (named as below) . $\$ 2.50 \$ 16.50 \$ 155.00$ $18-19 \mathrm{ctms}$. (First size) (named as below) ... $2.25 \quad 15.50 \quad 146.00$ $17-18$ ctms. (Second size) (named as below).. $1.90 \quad 13.25 \quad 127.00$

The following varieties we offer in the above three sizes.
Single Red and Rose
Cardinal Wiseman, deep rose, early
General de Wet, light pink
Gertrude, rose-pink, medium early
La Victoria, brilliant dark pink Lady Derby, delicate pink, early forcer
Marconi, bright pink
Queen of Pinks, choice pink
Roi des Belges, bright scarlet, early

## Single White

Arentine Arendsen, pure white General Vetter, blush white
La Grandesse, pure white, large bells, splendid spikes

Mad. Kruger, snow-white
L'Innocence, pure white, compact truss on short stem, fine for pots.

## Single Blue

## Bismarck, bright blue

Dr. Lieber, lavender-blue
Grand Maitre, dark porcelain, medium early
King of the Blues, dark, medium early
Queen of the Blues, light, fine spike

## Single Yellow

City of Haarlem, golden yellow
King of the Yellows, extra medium, early
Yellow Hammer
Doz. $100 \quad 1000$
$16-17$ ctms. (Third size) named varietses) . . $\$ 1.75 \$ 12.00 \$ 110.00$ $15-16$ ctms. (Bedding size) (named varieties). $1.50 \quad 10.00 \quad 90.00$ We offer the following varieiies in the above two sizes.

Single Red and Rose
Gertrude, La Victoria, Marconi, Queen of Pinks.

## Single White

## L'Innocence.

## Single Blue

Dr. Lieber, Grand Maitre, King of the Blues, Queen of the Blues.

## Single Yellow

City of Haarlem, Yellow Hammer.

Doz. 1001000
13-14 ctms. (Miniature size) (named as below) $\$ 1.10 \quad \$ 7.00 \$ 67.50$ We offer the following varieties:
Gertrude, La Victoria, Queen of the Pinks, L'Innocence,

Grand Maitre, Queen of the Blues.

# Vaughan's Single Forcing Tulips 

EXPLANATORY: The number preceding the name of the variety denotes the height in inches, while the letters $\mathbf{a}$ and $\mathbf{b}$ indicate their earliness of bloom-the a's flower together and are the earliest; the b's flower together, but are somewhat late.

## Single Scarlet, Orange and Crimson

|  | Per 100 | 1000 |
| :---: | :---: | :---: |
|  | Artus, deep scarlet; a splendid bedder. . . . . . $\$ 225$ | \$20 00 |
|  | Belle Alliance, scarlet, good bedder or forcer. 355 | 3200 |
|  | Brilliant Star, vermilion-scarlet; very early. . 400 | 3600 |
|  | Couleur Cardinal, brilliant crimson;fine bedder 370 | 3300 |
|  | Cramoisi Brilliant, bright scarlet............ 210 | 1900 |
|  | Duc Van Thol, scarlet; very early . . . . . . . . . 310 | 2800 |
|  | Fred Moore, dark orange, edged yellow...... 310 | 2800 |
|  | Prince of Austria, orange-vermilion; large.. 300 | 2700 |
|  | Vermilion Brilliant, dazzling vermilion-scarlet, very fine for pots, and showy bedder. ...... 370 | 3400 |
| Single Pink and Rose |  |  |
|  | Cullinan, resy pink with white . . . . . . . . . . . 370 | 3300 |
|  | Flamingo, carmine-rose, white shaded....... 355 | 3200 |
|  | Ibis, dark brilliant pink. . . . . . . . . . . . . . . . . 480 | 4400 |
|  | Pink Beauty, bright rose-pink shading to blush-white. |  |
|  | Proserpine, glossy pink; forces early.......... 450 | 4000 |
|  | Prosperity, fine pink. . . . . . . . . . . . . . . . . . . . 340 | 3100 |
|  | Rose Gris de Lin, delicate rose, flushed white 225 | 2000 |
|  | Rose Luisante, brilliant deep pink.......... 370 | 3400 |
|  | Rose Precose, light pink, early forcer........ 650 | 6000 |
| Tulip Mixtures (Early) |  |  |
| Our mixtures are made up from large-flowering bright colors, will bloom at about the same time, and give good satisfaction. |  |  |
|  | Per 100 | 1000 |
| Sing | le Early, extra fine mixed. . . . . . . . . . . . . . . . . $\$ 200$ | \$1800 |
| Sing | le Early, Vaughan's Special. . . . . . . . . . . . . . . . 310 | 2800 |
| Doub | le Early, extra fine mixed. . . . . . . . . . . . . . . . . 250 | 2250 |
| Doub | le Early, Vaughan’s Special. . . . . . . . . . . . . . . 400 | 3500 |

## Tulips to Color

## SINGLE-From Named Varieties

| ite shades, mixed | 325 | 3000 |
| :---: | :---: | :---: |
| Yellow shades, mixed. | 325 | 3000 |
| Striped shades, mixed | 325 | 3000 |
| Red shades, mixed. | 325 | 3000 |
| Pink shades, mixed | 325 | 3000 |
| DOUBLE-From Named Varieties |  |  |
| White shades, mixed | 425 | 4000 |
| Yellow shades, mixed. | 425 | 4000 |
| Striped shades, mixed. | 425 | 4000 |
| Red shades, mixed | 425 | 4000 |
| Pink shades, mixed | 425 | 4000 |

## Darwin Tulips

The most profitable of all Tulips for Florists' use. Varieties on this page marked (f) can be forced in gentle heat.

|  |  |  |
| :---: | :---: | :---: |
|  |  |  |
| Bar | 25 | 2000 |
| Blen Aimable, bright violet-purple, shaded ste | 90 | 2600 |
| Centenaire, rich violet-rose, large flower, good forcer | - 225 | 2000 |
| Clara Butt, (f) soft salmon-pin | 00 | 1800 |
| deam, (f) soft lilac |  |  |
| (f) glowin | 00 |  |
| arncombe Sanders, (f) rich, bril | 00 | 1800 |
| aust, satiny purple. | 00 | 3600 |
| eu Brilliant, bright |  | 2700 |
| low, brilliant red |  | 2000 |
| retchen, (f) soft |  |  |
| arry Veitch, dark |  |  |
| ing Harold, dark maroon |  |  |
| a Tulipe Noire, finest black |  | 3200 |
| e Notre, rose shaded blush |  | 2000 |
| Massachusetts, (f) vivid pin | 00 | 1800 |
| atchless, delicate old rose, wonderful for por | 50 |  |
| me. Krelage, soft rose, margin | 00 | 1800 |
| rs. Potter Palmer, glow | 45 |  |
| auticus, large ch |  |  |
| ainted Lady, creamy |  | 2000 |
| etrus Hondius, carmin | 275 | 2500 |
| Pride of Haarlem, (f) carmine rose | 200 |  |
| Princess Elizabeth, (f) soft rose with silvery margin, white base. Extra fine forcer. <br> $225 \quad 2000$ |  |  |
| Pof. Rawenhoff, cherry-rose, white a |  |  |
| ev. H. Ewbank, (f) vivid heliotro | 225 |  |
| eraad van Flora, brig | 200 | 1800 |
| ultan, maroon black | 200 | 1800 |
| Suzon, (f) soft pink with blush-white margin | 245 |  |
| Valentine, light violet | 365 |  |
| Victoira D'Olivirea, carmine red, good forcer..... 30027 |  |  |
| Wm. Copeland, (f), new, bright violet; for forcing only. |  |  |
| Queen | 245 | 2200 |
|  |  |  |



Their Long Stems and Pastel Colorings Make Darwins Popular


# May-Flowering or Cottage Tulips 



## Breeder Tulips

| Per 100 | 000 |
| :---: | :---: |
| t, bronze shaded apricot, olive base. . . . . . . . $\$ 550$ | \$50 00 |
| Bacchus, dark violet blue. . . . . . . . . . . . . . . . . . . . . . 650 | 6000 |
| Bronze Queen, golden yellow bronze. . . . . . . . . . . . . 265 | 2400 |
| Cardinal Manning, wine-red flushed rosy brown. . 365 | 3300 |
| Don Pedro, coffee brown. . . . . . . . . . . . . . . . . . . . . 650 | 6200 |
| Fairy Panorama, terra-cotta and bronze . . . . . . . . 300 | 2700 |
| Jaune D'Ouef, outside petals rose and orange, inside bronze and yellow. | 3200 |
| Louise XIV, rich purple with golden bronze margin . . 500 | 4500 |
| Madame Lethierry, dark cherry rose. . . . . . . . . . . 500 | 4500 |
| Marie Louise, old rose, edged bronze orange . . . . . 350 | 3200 |
| Prince of Orange, orange scarlet edged light yellow. 650 | 6000 |
| Queen Alexandria, bright yellow with orange tlotch 300 | 2700 |
| Yellow Perfection, light bronze yellow. . . . . . . . . . . 350 | 3200 |
| Mixed, all colors . . . . . . . . . . . . . . . . . . . . . . . . . . . . 265 | 2400 |

Inglescombe Scarlet, brilliant scarlet, large flower. . \$2 55 Inglescombe Yellow, (f) rich yellow; splendid under glass, especially for growing with Darwins. ..... $\begin{array}{lll}2 & 55 & 2300\end{array}$
Ixioides, clear yellow pointed flower with black base. John Ruskin, salmon-rose with pale yellow margin. ..... $275 \quad 2500$
La Merveille, scarlet suffused with orange ..... 2000 margined rose ..... 2000
Moonlight, large egg-shaped flower of a clear pale yellow color ..... 410 ..... 3800
scented. Best yellow late Tulip. ..... 260 ..... 2300
FINEST MIXED ..... 600
Parrot ..... Tulips
1000
Constantinople, red....
Gloriosa, red and yellow ..... \$2 90 ..... $\$ 2600$
Lutea, large yellow ..... 2600
Perfecta, yellow, spotted ..... 2600
Cramoisi Brilliant, deep crimson, with large star-
EXTRA FINE MIXTURE ..... 245
Mamed

## $\left.\begin{array}{l}\text { American, } \\ \text { Bermuda and } \\ \text { Japanese }\end{array}\right\}$ T1 Y $110 S$

## Lilium Giganteum

Owing to the unsettled condition of the Lilium Giganteum market, at the time this catalog goes to press, we are not pricing this item. We believe, however, that they will be about like last year. Our customers may depend not only upon the best market prices, but on guaranteed grading-a vital point. Our arrangements in Japan provide for selection of sound, well-shaped bulbs. Crescent-shaped, malformed and undersized bulbs are taken out. If any of our cases reach you with undergraded or inferior lily bulbs in them, ask us at once for disposition and we gaarantee they shall be graded to match exactly the sizes we invoice.
6 to 8 -inch ( 400 to case)
7 to 9 -inch ( 300 to case)
8 to 9 -inch ( 250 to case)
8 to 10 -inch ( 225 to case)
9 to 10 -inch (200 to case) (scarce)

## Lilium Erabu

## Cold Storage 10 Days

Growers must not force Erabu in great heat. A cool house, 60 to 65 degrees, with plenty of moisture is better, but they will certainly do best when grown in pots so they can be shifted into sections representing varying heights to give proper light and watering.
N. B.-Ten days in cold storage before planting is sure to benefit the crop.


## Hardy Japan Lilies <br> Auratum-Gold-Banded

Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. Our bulbs are all carefully inspected before being shipped.
8 to 9 inches ( 180 bulbs to a case)

| 100 | Case |
| :---: | :---: |
| $\$ 1500$ | $\$ 2000$ |
| 20 | 00 |
| 20 | 00 |
| 3500 | 2500 |

9 to 11 inches ( 125 bulbs to a case)
$3500 \quad 2500$


## Lilium Candidum-Thick Petaled

Our Lilium Candidum are the thick, broad-petaled Paris-grown type so superior to the narrow-petaled south-of-France stock. The bulbs are plump, heavy and healthy. Increasing demand each season causes prices to advance.

PRICES
Northern-Grown
Northern-Grown Thick Petaled
hick Petaled
Per 100
$18-20 \mathrm{ctms}$
Per 100
22-24 ctms.
$\$ 2000$
$20-22$ ctms.......... $1600 \quad 24-26$ ctms........... 2500

## Regale (Myriophyllum)

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 or 4 feet high. It is deliciously scented, and its extreme hardiness makes it a valuable lily for outdoor planting. Blooming Size, doz., $\$ 2.00 ; 100, \$ 15.00$. $4-6$ inch, doz., $\$ 3.00 ; 100, \$ 20.00$. If wanted in quantity please write for prices.
SUPERBUM. Flowers bright orange-red thickly spotted with purple. Remarkable for immense $\begin{array}{lll}\text { height and profusion of bloom; a strong plant Doz. } & 100 \\ \text { bearing from } 20 \text { to } 36 \text { flowers..................... } \$ 1 & 75 & \$ 12\end{array}$
MARTAGON-The Purple Martagon, strong growing, producing 20 to 30 light-spotted purple flowers, very graceful, vigorous and floriferous

200
1500
TIGRINUM SPLENDENS - Improved Single Tiger Lily. Very hardy native Lily; orange-red, spotted purple-black. Pretty and bears 8 to 20 flowers when well established

150
1000
TIGRINUM FLORE PLENO-Double Tiger Lily. The well-known double Tiger Lily; grows from 4 to 6 feet high, and bears an immense number of bright orange flowers
UMBELLATUM-A beautiful companion to Lilium Candidum, as it comes into bloom at the same time. Colors range from deepest red through all shades of crimson, rose, yellow, buff, and apricot; blooms about June 30th. Mixed........................... 1 $175 \quad 1200$
ERECTUM-red.
$250 \quad 1800$

## Lily of the Valley

In packing and grading the Lily of the Valley Pips for our trade, pips of one type and style of growth, raised on the same soil, will be branded separately, so that the customer receiving a certain number and brand from us, and forcing it to his satisfaction can depend on the same grade right along until sold out and will be advised by us when the grade is changed. This, we believe, will be much more satisfactory to the forcer than the former indiscriminate method of delivering all kinds and shapes of Valley under one brand, the planter never knowing what kind of a pip would open up in the next case received.

Our quality has never been better but, as usual, orders should be placed early to secure same. Prices ready in November.

## Lilium Harrissi

## The Bermuda Easter Lily

The grading of these bulbs and digging date under supervision of Bermuda official has greatly improved. Crop is reported good. Note low prices. Give this Lily another trial.

100 Cas
7 to 9 -inch ( 200 bulbs to case)
8 to 10 -inch ( 150 bulbs to case) ........................ $1800 \quad 2500$
9 to 11 -inch ( 100 bulbs to case)

## American Grown Hardy Narcissi

AGAIN this year we have made a painstaking investigation of available American supplies, in order to assure our customers of the best stocks to be had. Every section of the country where narcissi are being grown, from the Pacific coast to the Atlantic ocean and the Gulf of Mexico, was visited by the manager of our bulb department.
Besides growing 25 acres of hardy narcissi on our own farms we have contracted with growers in the States of Illinois, Washington, Oregon and Michigan. Their fields have also been inspected by our bulb manager and each case supplied to our customers will bear a certificate of inspection as to their condition. Florists inMinneapolis, Missouri, Illinois and New York have tried bulbs from these sources and were well satisfied. Numerous greenhouse tests of bulbs supplied by us this past fall, satisfy us that the source of our supply is "right," and good results can be had. Early ordering is an important consideration. We suggest you try a few this year, then next year you will be better prepared to increase your plantings.

## TRUMPET VARIETIES.

Primrose Trumpet. Per 100 Per 1000 Cervantes, creamy perianth. primrose trumpet $\$ 8.50 \quad \$ 80.00$ Emperor, rich yellow, large flower . . . . . . . . $10.00 \quad 90.00$ Golden Spur, rich yellow... 10.00 King Alfred, golden yellow . 10.00 18.00 90.00 Minister Talma, golden yellow, large flowers

## Bicolor Varieties.

Glory of Sassenheim, white perianth, yellow trumpet.
Princeps, sulphur perianth, yellow trumpet.
Silver Spur, white perianth, yellow trumpet,.
Victoria, white perianth, yellow trumpet. Florists' best bicolor.
$10.00 \quad 90.00$

## Other Classes.

| Barri, Conspicuous yellow, | 8.00 | 75.00 |
| :---: | :---: | :---: |
| Barri, Masterpiece, creamy white, orange scarlet cup. | 8.50 | 80.00 |
| Incomparabilis, Sir Watkins, medium trumpet, yellow: Good for early use. | 10.00 | 90.00 |
| Leedsii, Queen of the North, white, pale primrose color. | 8.00 | 75.00 |
| Poetaz, Early Perfection, white yellow cup... | 8.50 | 80.00 |
| Poetaz, Laurens Koster, white and yellow... | 9.00 | 80.00 |
| Poetaz, Orange Cup, creamy white, orange cup. | 8.00 | 75.00 |
| Poeticus, Pheasant Eye . . . . . . | 6.00 | 55.00 |
| Poeticus, Ornatus, white and yellow | 6.50 | 60.00 |



NARCISSUS EMPEROR

| Per 100 |  |  |  |
| ---: | ---: | ---: | ---: | Per 1000

Chinese Narcissus
American Grown Bulbs
(Better than the imported.)
Strong Bulbs

# Narcissus Paper White Grandiflora 

We have selected our American grown Paper Whites with the same care that we have learned to take in purchasing imported bulbs; keeping in mind the requirements of the greenhouse forcer. We have chosen the stock of growers of experience, whose technical ability has been demonstrated, who are in locations of favorable soil and climate and whose stocks have been tested for forcing. And, above all, we have chosen stocks that are free from insects and disease. Our narcissus bulbs will carry certificates under the federal quarantine giving them a clean bill of health. We caution florists against buying cheap bulbs of Paper Whites. You might get bulbs which have been left in the ground two or more years, and which show double crowns. Such bulbs will produce plenty of foliage, butwill lack flowers. There will be plenty of them, so "Beware!"

The fields from which our bulbs come were inspected at flowering time, to insure true type; and a further inspection was made at harvesting time. Our Paper White bulbs will come from selected fields in California and South Carolina and the Rio Grande Valley of Texas. These stocks have all been tested for forcing in soil and in water and the reports from such tests are that while flowering somewhat later than imported bulbs, results are equally good.

Our advance bookings of Paper. Whites this year are far ahead of what we anticipated and with a short crop we regret to say as this book goes to press that we are Sold Out.

Per 100 Per 1000
Grand Soliel d'Or, yellow Paper White...... $\$ 15.00 \quad \$ 125.00$

## Miscellaneous Bulbs

## Giant Hybrid Amaryllis

One of the finest strains of Amaryllis we have ever seen. Flowers are immense, composed of broad, well-rounded, overlapping petals; of the most perfect form, ranging in color from pure white grounds with varied markings of rose, red and crimson to the richest self colors as scarlet, crimson, bright red, cherry and almost maroon. Bulbs 3 inches and more and are sure bloomers.
Make wonderful window displays.
H. \& S. Special Mixed; doz., $\$ 4.50$; per $100, \$ 35.00$.

## OTHER AMARYLLIS



## ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Soak the bulbs in water about 24 hours before planting. Set 10 inches apart, about 2 inches deep. Sunny location, plenty of moisture. Special Mixed, per 100, $\$ 4.00$; per $1000, \$ 35.00$. St, Brigid. Double flowers. Per $100, \$ 4.50$; per $1000, \$ 40.00$.

## White Calla

## (Aethiopica)

These can be grown at less expense during the winter months, requiring less heat than other lilies.

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice premature cutting off the tops, expose bulbs to the sun, in order to make early shipment. This is very dangerous and will cause dry rot.

We therefore take great pains in securing our stock from growers in California who do not use this practice. Our stock is thoroughly cured in the ground and dried thoroughly before they are packed. This, of course, means later delivery but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

| Size | Per 100 | 1000 |
| :---: | :---: | :---: |
| 11/4-11/2 inches. | \$ 6.50 | \$ 60.00 |
| $11 / 2-13 / 4$ inches. | 11.00 | 100.00 |
| 1314 inches and | 16.00 | 140.00 |

## GODFREY EVERBLOOMING CALLA

## (Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the California variety, as flower is not so heavy and large. Per 100 Per 1000 First Size. $1-11 / 4$ inches $\$ 11.00 \quad \$ 100.00$ Large Size. $11 / 4-11 / 2$ inches.



Watch the crowds who admire this striking clear yellow flower at the big shows and you will find buyers interested. Prices being so reasonable this year all Florists should try 100 or more of this beautiful Calla. Per 1001000 $11 / 2$ inch....................................... $\$ 12000 \$ 11000$ $\frac{1}{2}$ inch................................................. 200000115000

## CALOCHORTUS or MARIPOSA TULIP

These famous California flowers resemble a tulip in shape, and are of many colors, shades and markings.

Mixed, per doz., 60 c; per $100, \$ 3.50$; postpaid; per 1000 , $\$ 35.00$.

## CHIONODOXA (Glory of the Snow)

These are among the most beautiful of our spring-flowering bulbs, coming into bloom soon afer the snow is gone. Grows well in any good garden soil, and when once planted requires no further care. Looks best when planted in lines or clumps.
Lucillae. Flowers of a brilliant sky-blue color with white center.
Per 100, $\$ 2.50$; per $1000, \$ 20.00$.
Sardensis. Deep blue. Per $100, \$ 2.75$; per $1000, \$ 22.00$.

## Crocus

## Large Flowering

The bulbs are about an inch in diameter, and are sure blomers.

Albion, blue, striped white. Baron von Bruno, dark blue. David Rizzio, deep purple.
Dandy, blue.
Non Plus Ultra, blue, white bordered.
Othello, dark purple.
Select Yellow, choice bulbs

Mont Blanc, pure white,
Queen Victoria, pure white.
La Majesteuse, white, violet striped.
Madam Mina, white striped.
Sir Walter Scott, white, blue striped.
Mammoth White.

| Per 100 | 1000 |
| :---: | :---: |
| ..$\$ 2$ | 50 |
| $\$ 2300$ |  |
| .. 3 | 50 |
|  | 3000 |

Mammoth Yellow, fine canary-yellow, large bulbs
CROCUS-Mixed Colors
Striped and variegated.
White shades mixed. .
White shades mixed. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Blue and purple.
Large Yellow, first size bulbs.

## ERANTHIS (Winter Aconite)

Price, per $100, \$ 2.25$; per $1000, \$ 20.00$.


FREESIA-Improved Purity

## Freesias-California Grown

## IXIAS

An easily forced winter-flowering bulb, which is rapidly coming into favor, as its merits become more fully known. The flowers include many shades of yellow, pink, scarlet and crimson; are borne on long stems and are splendid for cutting.
Mixed, Per $100, \$ 2.00$; per $1000, \$ 17.00$.
Named Varieties, Per 100, $\$ 2.50$; per 1000, $\$ 22.00$.

## Gladiolus $\begin{gathered}\text { For-Winter } \\ \text { Forcing }\end{gathered}$

The varieties mentioned below excel for greenhouse growing. Carnation temperature all the time. 60 degrees by day, 52 degrees at night, is all right in forcing Gladiolus. Do not increase the temperature above 60 degrees if avoidable. Plant 5 by 7 inches or more apart. Do not use fresh manure.

Per $100 \quad 1000$
Chicago White-The flowers are well expanded, well placed upon the stalk, pure white with faint lavender streaks in the lower petals. It is one of the earliest varieties to bloom.
E. J. Shaylor-Fure deep rose-pink, slightly ruffled. Is in great demand and brings best prices on Chicago market. Good forcers..
Halley-This is one of the earliest of Gladioli. Delicate salmon-pink, a pale ground showing at the throat, which is marked with small red stripes . . 200

1800
Le Marechal Foch-Beautiful shade of light pink; flowers twice as large as America; one of the earliest; blooms the same time as Halley and Wilbrink 225
Mary Alice-Color, rose-pink, the throat marking of a lavender-mauve, a light streak running through the center of each petal, anthers lavender, flowers large, well open with petals slightly reflex. The stalk is very tall, strong and straight.
Mrs. Francis King-Color is a bright "Flamingo" pink, strikingly attractive. Strong, robust grower and one of the best florist sorts.
Mrs. Frank Pendleton-The color is a delicately flushed salmon-pink. The blooms are wide open and are arranged individually on slender, but wiry stems. Each flower is strikingly marked with rich maroon blotch on the three lower petals. ..........
Odin-A sport of Prince of Wales; salmon color with dark blotches; early; good forcer................. Primulinus "Sunbeam"-Our introduction of mark it for a leader in this class; very early ...... 3 50. 3000
Primulinus "Alice Tiplady"......................... 275 25 00
Primulinus "Maiden Blush" ....................... 2252000
Prince of Wales-Salmon-pink. .................... 3002700
Wilbrink-A sport of Halley; retains Halley's earli-
ness and has the color of America; soft yellow
blotch on lower petals.
250
2200
OXALIS
Per 100
1000
Bermuda Buttercup, strong bulbs................
Grand Duchess, lavender....................
$\$ 250$
$\$ 20 \quad 00$
Grand Duchess, pink
Grand Duchess, yellow
Hirta-Rose shade, good for hanging baskets.
400
3500

## RANUNCULUS

A favorite florist flower everywhere. Bulbs are claw-like shaped and should be planted with claws downward two inches deep and ten inches apart. Ordinary garden soil is satisfactory. Soak bulbs same as Anemones. French Mixed, per 100, $\$ 3.00$; per 1000, $\$ 25.00$. Special H. \& S. strain. Per 100. $\$ 7.00$; per $1000, \$ 65.00$.

## SNOWDROPS

Per 100 Per 1000

Double...............
$\begin{array}{lll}4 & 50 & 40 \\ 5 & 00 \\ 50 & 45 & 00\end{array}$

SCILLA (Campanulata)
Per 100 Per 1000


White............ 425 . 4000
SCILLA (Sibrica)
Blue. Large bulbs 4.00 - 3500

## SPIRAEAS

For Easter and Mothers' Day Blooming.
Freeze roots before potting. Grow 75 days for Easter Grow 90 days for Mothers' Day Temperature 55 degrees.
Pink and white varieties of best named. Per $100, \$ 25.00$.

# Vaughan's Flower Seeds Condensed List for Early Sowing 

For complete list of Flower Seeds see Spring Book for Florists issued January 1, each year.
SPECIAL CASH DISCOUNT 5 PER CENT on orders over $\$ 2.00$ for Flower Seeds, if the cash is enclosed. Except Cyclamen, which is net.


ANTIRRHINUM Ceylon Court Yellow

## Vaughan's New Snapdragon

## "Ceylon Court Yellow"

Raised by A. J. Smith, Superintendent J. J. Mitchell Estate, Lake Geneva, Wis.
A CHANCE seedling; winter blooming, of robust growth; foliage strong, healthy, vigorous and rust resisting; 40-48 inches high. A beautiful canary yellow. Spikes 10 to 14 inches; flowers closely set; one of the earliest and most productive producers. Every growth a flower spike; strong, wiry stems. Ready for cutting two weeks before most other varieties.

Trade pkt., $\$ 2.00 ; 5$ Trade pkts for $\$ 9.00$

## Other "SNAPS" for Greenhouse Forcing

Trade pkt.
Cheviot Maid. The earliest and best pink winter blooming "snap." . . . . . . . . . .... \$ 2.00
3 trade pkts. for $\$ 5.00 ; 12$ trade pkts., $\$ 17.50 \quad 2.00$
Copper King (Indian Summer). Copper shades............................................. 1.00
Empress. Rich velvety crimson. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz., $\$ 1.00$. 50
Geneva Pink. A well-known rose-pink variety of outstanding merit. 3 trade pkts., $\$ 2.50 \quad 1.00$
Golden King. Improved yellow. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .1/8 oz., $\$ 1.00 \quad .50$
Golden Monarch. A good yellow . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz., $\$ 1.00$. 50
Golden Pink Queen. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3 trade pkts., $\$ 2.501 .00$
Helen. Lovely salmon free-blooming. . . . . . . . . . . . . . . . . . . . . . . . 3 trade pkts., $\$ 2.50 \quad 1.00$
Jennie Schneider. Beautiful pink, same shade as Columbia rose... 5 trade pkts., $\$ 7.351 .50$
Judd's New Early Columbia. Light pink ........................... . . 5 trade pkts., $\$ 4.001 .00$
Judd's New Early Premier. Deep pink . . . . . . . . . . . . . . . . . . . . . . . . 5 trade pkts., $\$ 4.001 .00$
Nelrose. Salmon pink. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .1/4 oz., $\$ 1.00 ~ . ~ 35$

Peerless Pink. Pink with white lip . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 4 /$ oz., $\$ 1.00 \frac{1}{45}$
Penn-Orange. Striking tangerine orange, dark green foliage.: .... 3 trade pkts., $\$ 2.50 \quad 1.00$
Philadelphia Pink. Originator's stock............................... . . 3 trade plits., $\$ 2.50 \quad 1.00$
Pink Perfection. Hermosa pink, saffused salmon. . . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz., $\$ 1.00 \quad .50$
Silver Pink. Vaughan's deep pink self. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $1 / 8$ oz., $\$ 1.00$. 50
Sunburst. Improved. Color of Sunturst rose ..................... . . 5 trade pkts., $\$ 7.001 .50$
White Rock. A new and extra early blooming pure white......... 3 trade pkts., $\$ 2.501 .00$
For complete list of Antirrhinum see our Spring Book for Florists.

## ANEMONE ST. BRIGID <br> (TRUE IRISH STRAIN)

Best prize winning Irish strain. Irishgrown Anemone are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors.

Trade pkt., 50c; 1/8 oz., \$1.00; oz., $\$ 6.00$.
Anemone Coronaria Mixed. Trade pkt., 15 c ; oz., 80 c ; 1b., $\$ 8.00$.

Culture: Sow in flats, thin out after the second leaf, and pot in $21 / 2$-inch pots. When plants are established, set out in benches or solid beds 10 to 12 inches apart. Plenty of cow manure is recommended. Flowers come in about six months from seed.

## CHINESE FORGET-ME-NOT

Cynoglossum Amabile. A lovely plant 18 to 24 inches tall with flowers of a true Forget-me-not blue. May be grown either outside or under glass. Makes wonderful cut flower. Trade pkt., $50 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 75 \mathrm{c} ; \mathrm{oz} ., \$ 2.00$.


ANEMONE St. Brigid Hybrids

## BEGONIA

## CYCLAMEN

## NOTE-Cyclamen seed prices are net. Giant English Grown

Brilliant Giganteum. Very robust grower. Fiery crimson flowers. 100 seeds, $\$ 1.60 ; 1,000$ seeds, $\$ 14.00$.
Cherry Ripe. Nearly scarlet. 100 seeds, $\$ 1.60 ; 1,000$ seeds, $\$ 14.00$.
Mrs. L. M. Graves. The color is an intense and brilliant salmonscarlet. 100 seeds, $\$ 1.60 ; 1,000$ seeds, $\$ 14.00$.
Prices-any of the following-100 seeds, $\$ 1.40 ; 1,000$ seeds, $\$ 12.00$.
Saint George. Foliage is beautifully margined with bright silver, not unlike the Begonia Rex, and the flowers are a rich salmon color.
Crimson Saint George. Foliage is beautifully margined and ornamented with bright silver. Flower vivid crimson.
Queen Mary. Salmon with claret base.
Rosy Morn. Delicate rose color. Claret base.
Grandifforum Album. The largest giant white.
Excelsior. White with red base. Extra large flowers.
Duke of Fife. Dark rose.
Princess of Wales. Deep pink.
Salmon King. Salmon.
English Varieties, Mixed. From separate sorts. 100 seeds, $\$ 1.20$; 1,000 seeds, $\$ 10.00$.

## Persicum Giganteum-German Type

$$
\begin{array}{ll}
100 \\
\text { Seeds } & 1,000 \\
\text { Seeds }
\end{array}
$$

Glory of Wandsbek (Pearl of Zehlendorf). Dark
salmon. : .... . . .......................................... $\$$
Rose von Wandsbek (Rose of Zehlendorf). Light salmon. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1.40 . 12.00
Salmon Scarlet. A favorite in the Chicago trade.... $1.80 \quad 16.00$
Rose of Marientha1: Delicate pink . ................ 1.00 . 8.00
Pure White. Very large............................. . . $1.00 \quad 8.00$
White with Pink Eye. Very large and fine......... $1.00 \quad 8.00$
Glowing Dark Red (Christmas red) ................. 1.00 . 8.00
Fire Light. Glowing red with salmon sheen.......... $1.80 \quad 16.00$
German Type, mixed . . . . . . . . . . . . . . ................. 1.00 . 8.00

CINERARIA Martima Candidissima, for bedding. $\$ 0$ rade pkt. $\$ z_{\text {. }}$ Maritima Diamond. Leaves pure white

## DIDISCUS Coeruleus

Lavender Lace Flower. 3 ft . Long-stemmed lavender flowers; look like blossoms of Queen's Lace Handkerchief. A constant bloomer. The culture is not at all difficult, only the seed is somewhat slow in germinating. To be sown where they are to flower
$1 / 4$ oz., 40c
DRACAENA Indivisa Lineata ........................... $\$ 4.00$
Indivisa. Narrow green leaves. ........ . Latifolia
Australis. Green and red colored leaves. . lb., \$6.00 EXACUM Affine. Blue. Fine for pots and baskets
FREESIA Refracta Alba . . . . . . . . . . . . . . . lb., $\$ 4.00$
Rainbow Hybrids. The new colored Freesias
GERBERA Jamesonii Hybrids (Transvaal Daisy). The Daisy-like blossoms, 2 to 4 inches across, being borne on long stems, are unsurpassed as cut flowers. They are easily grown from seed and will commense flowering the first year. The colors include a wilderness of tints, from pure white through yellow, orange, salmon, rose, cerise, and ruby-red to violet. One of the features of the New York Flower Show

1,000 seeds, $\$ 4.00 ; 100$ seeds
60

## GILIA

Capitata. (Blue Thimble Flower.) 2 ft ., erect habit, fine feathery foliage, attractive ball-shaped flowers, 1 inch in diameter, of a clear blue. Very freely produced

## GODETIA Double Gladiolus Flowered

| Carmine | Rosy Morn (Deep Rose) |  |
| :--- | :--- | :--- |
| Rose | Mauve | Trade pkt. $\quad \mathrm{Oz}$. |

Each of above. . $1 / 4 \mathrm{oz}$. $75 \mathrm{c} \$ \$ 0.35$
These make good cut flowers and should be gathered before fully opened. Do not use any fertilizer.
Whitneyi A=alea flowered. Double pink flowers. Excellent for pot culture. . . . .
GREVILLEA Robusta. (Silk O...................... Good for fern GREVILLEA Robusta. (Silk Oak.) Good for fern
dishes.dishes
.lb., $\$ 10.00$
GYPSOPHILA Elegans. Crimson. New ........1/d $1 \mathrm{~b} ., 50 \mathrm{c} ; 1 \mathrm{lb} ., \$ 1.60$ 10 Grandiflora Alba............ $1 / 2 \mathrm{lb}$., $50 \mathrm{c} ; \mathrm{lb} ., \$ 1.60$
Carminea. Carmine, better than Rosea..lb., $\$ 2.80$

10
Rosea. Pale pink
lb., $\$ 2.00$
Elegans. Small flowered, white
lb., $\$$


We recominend these Larkspurs as cut flowers in-and-out-of-doors

## ANNUAL LUPINUS

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop." Trade pkt. O=. Hartwegii. Dark Blue. Oxford Blue..... Light Blue. Cambridge Blue.
$\begin{array}{lr}\text { lb., } \$ 3.20 & \$ 0.10 \\ \text { lb,. } \$ 3.20 & .10 \\ \text { lb., } \$ 3.20 & .10\end{array}$
Roseus
Albus.


ANNUAL I,ARKSPUR, Stock Flowered

## MIGNONETTE

True Machet, Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick, stout flower stalks. Finest in every way for florists use and for pot $1 / 4$ Oz....... 20 c rade pkt. 0 .

## Giant Rocket.

New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment . $1 / 8 \mathrm{oz} ., \$ 1.00$
.50c 7.00

## MYOSOTIS (Forget-Me-Not)

Stricta Indigo Blue Bouquet. A compact upright grower of the pillar or column type, completely smothered with attractive flowers of dark blue. Trade pkt., $25 \mathrm{c} ; 1 / 4 \mathrm{oz}$., $40 \mathrm{c} ; \mathrm{oz}$., $\$ 1.20$.
Stricta Pink Bouquet. A companion to the above, only the flowers are a charming pink shade, splendid for pots or cut flower purposes. Trade pkt., 25c: 1 年 oz., 60c; oz., $\$ 2.00$.
Oblongata, Blue Bird. A beautiful winter-flowering Forget-MeNot. An English specialist selection from the Oblongata class. The only Myosotis which has received an award of the British Royal Horticultural Society in many years. $1 / 8$ oz., $\$ 1.00$; trade pkt., $50 \mathrm{c} ; \mathrm{oz}$., $\$ 8.00$.
PYRETHRUM Parthenifolium Aureum (Golden Feather). Trade pkt., 10c; oz.; 40 c .
RANUNCULUS Asiaticus Superbissimus. Giant French Hybrids. The well-known spring flowering Ranunculus, producing an abundance of double and scmi-double flowers. Sow seed from March to May or August to October in cold frame. They come up in from 2 to 3 weeks. Bloom from June to August. Are suitable for beds and borders, fine for pot culture, excellent for cutting and bouquets. May be forced in greenhouse. After bulbs have formed, grow on in well manured soil. Height, 1 ft . Trade pkt., $15 \mathrm{c} ; \mathrm{cz} ., 60 \mathrm{c} ; 1 \mathrm{~b} ., \$ 6.40$.
SAINTPAULIA Ionantha. Charming deep blue flowering pot plant which blossoms in uninterrupted succession. Trade pkt., $\$ 1.00$.

# Vaughan’s Giant Pansies 



## SWISS GIANT MIXTURE

The flowers of this new strain are of enormous size, three inches and over in diameter, they are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. The most striking qualities of this strain, however, are the wonderful colors and color combinations-very rare and entirely new-never before seen in Pansies, salmons, pinks, reds. All flowers are 3- or 5-blotched. Excellent for greenhouse culture. We recommend this strain unreservedly. Trade pkt., $\$ 1.00$; $1 / 8$ oz., $\$ 2.50$; $1 / 4$ oz., $\$ 4.50$; oz., $\$ 16.00 ; 4$ ozs., $\$ 50.00$.

|  | Trade Pkt. | $1 / 402$. | Oz . |
| :---: | :---: | :---: | :---: |
| Adonis, light blue white center | \$0.25 | \$0.50 | \$1.60 |
| Apricot, small flowering | . 35 | . 85 | 3.00 |
| Auricula Colors, metallic shades | . 25 | . 50 | 1.80 |
| Aurora, pure white without blotch | . 25 | . 40 | 1.40 |
| Azure Blue | 25 | . 50 | 1.60 |
| Beaconsfield, light lavender and rich purple | . 25 | . 45 | 1.60 |
| Black, large, true black. ...... . . . . . . . . . | . 25 | . 45 | 1.60 |
| Bridesmaid, shades of white, shining rose. | . 25 | . 60 | 2.00 |
| Bugnot, shades of red, bronze and cardinal. | . 35 | . 80 | 3.00 |
| Boulogne, Giant Mixture. The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 - and 5-blotched, delicately veined, rich colors. New seed ready |  |  |  |
| in Oct . . . . . . . . | 1.00 | 6.50 | 24.00 |
| Cardinal, brilliant red |  | . 60 | 2.20 |
| Cassier, 3- and 5-spotted | . 25 | . 70 | 2.60 |
| Cecily, flowers steel blue with white border and small dark central spots.. | . 35 | . 65 | 2.40 |
| Comet, porcelain-white, lower petals with light blue rays. . | . 35 | . 60 | 2.20 |
| Emperor Francis Joseph, white, violet spots | s . 35 | . 65 | 2.40 |
| Emperor William, dark navy blue . . . . . . | . 25 | . 45 | 1.60 |
| Eros, purple, yellow border | . 25 | . 45 |  |
| Fiery Faces, red with black blotch | . 25 | . 45 | 1.60 |
| Freya, violet purple, silver edged | . 25 | . 60 | 2.00 |
| Golden Queen, clear golden yellow | . 25 | . 45 | 1.60 |
| Goliath Golden Queen ...... | . 35 | . 65 | 2.40 |
| Indigo King, indigo blue. | . 25 | . 50 | 1.80 |
| Light Blue, without eye, darker center | . 25 | . 50 | 1.60 |
| Madame Perret, shades of pink and rose. | . 25 | . 50 | 1.80 |
| Mauve Queen, rosy lilac................. | . 25 | . 55 | 2.00 |
| Mercury, deep purple red | . 25 | . 60 | 2.20 |

## PETUNIA

## Single Small-Flowered Dwarf Sorts

Rosy Morn. Select stock, Pink with white throat Trade pkt. Oz.

## Giant-Flowered-Single

The Flowers in this Section Measure from 5 to 7 Inches Across.
Dwarf Giants of California. Mixed, extra choice. $1 / 32$ oz., $\$ 6.00 ; 1,000$ seeds, $\$ 1.00$

## Large-Flowering-Single

The Flowers in this Section Measure from 3 to 4 Inches in Diameter.
Royal Purple (Vaughan's Imperial Blue). Best of all the blue Petunias. Flowers of medium size, of great substance and of the richest velvety pure blue
$1 / 8$ oz., $\$ 4.50$; $1 / 32$ oz., $\$ 1.25$
Pink Glory. A pure flame rose-pink. Slightly ruffled. A compact grower and free bloomer... $1 / 32$ oz., $\$ 2.00$
Vaughan's Best Mixture of large flowering single sorts. This mixture is made up by ourselves from all the best single Petunias and will give the most satisfactory results ..... $1 / 16 \mathrm{oz}$., $\$ 3.00$; $1 / 32 \mathrm{oz} ., \$ 1.60$
1.00
$.50 \quad 42.00$

## Large-Flowering-Double

Vaughan's Special Mixture. Double extra choice. 500 seeds, $75 \mathrm{c} ; 1,000$ seeds, $\$ 1.25 ; 10,000$ seeds, $\$ 11.00 ; 1 / 64$ oz., $\$ 4.00$.

For complete List of Petunias see Spring Book for Florists.

SHAMROCK. Sow early for St. Patrick's Day sales lb., $\$ 8.00$. 15 . 80
SMILAX
lb., \$6.00
.15
.50
SNAPDRAGON. See Antirrhinum.
STATICE Suworowii. Russian. Flowers bright rose color, also known as "Rat Tail." Sow inside for winter blooming . . . . . . . . . . . . . . . . . . . . . lb., $\$ 12.00$
STEVIA Serrata. White, fine cut flower $.1 / 4 \mathrm{oz}$., 40 c .$25 \quad 1.40$

STREPTOCARPUS. Large-Flowering Hybrids. Fine greenhouse and decorative subjects, producing a continuous succession of trumpet-shaped flowers, and embracing a wide range of color. They are easily grown. . . . . . . . . . . . . . . . . . . . . . . 1 64 $\mathrm{oz} . .2 .00$

$$
1.00
$$

THUNBERGIA. Mixed..................... . lb., $\$ 7.00$
TORENIA Fournieri Grandiflora. Makes a fine pot plant, flowers blue with dark blotches on lip White Wings. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .1/8 oz., $1 / 80 \mathrm{oz}, 50 \mathrm{c}$ Bailloni

1/8 oz., 50 c
3.00

TRACHELIUM Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. Sow in October-November. Height, 18 inches. Pot plant. . . . . . . . . $1 / 8 \mathrm{oz}$., 60 c

## VERBENA

Gigantea Alba. Very large, pure white... $.1 / 4 \mathrm{oz}$., 50c Coccinea. Scarlet.......................1/4 oz., 50 c
Luminosa. Luminous flake-pink toning to softer shades of salmon flesh and coral........ $1 / 4 \mathrm{oz}$., 50 c Lucifer Red. . . . . . . . . . . . . . . . . . . . . . . . . $1 / 4$ oz., 50 c Rosea Stellata. Pink, white eye.........1/4 oz, 50c Rose Cardinal. Bright red ............. $1 / 4 \mathrm{oz}$., 50 c Violacea Stellata. Violet, white eye.... $1 / 4 \mathrm{oz}$., 50 c Gigantea. Mixed.
.................... . . $1 / 4 \mathrm{oz}$., 40 c

## STOCKS

## GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.


## GIANT PERFECTION-Cut and Come Again



## BEAUTY OF NICE-Early, Large-Flowering, Winter

Pink
Aurora (Golden buff suffused with rose)
Mont Blanc (White)
Souv. de Monaco (Crimson)
*Belle of Naples (Old rose salmon)
Empress Augusta Victoria. Silvery lilac.
Summer Night (Dark blue)
Cote d'Azure (Light blue)
Monte Carlo (Yellow)
Abundance (Soft carmine rose)
American Beauty
Mixed
Trade pkt. Oz
Each of the above ......................... $1 / 8$ oz., 35 c Trade pkt. $\$ 0.25{ }^{\$ 2.40}$
Beauty of Nice. Mixed, all colors. . .......1/4 oz., 50c $25 \quad 1.80$
Trade pkt. Oz.
*Mr. Koch, head florist of Garfield Park, Chicago, considers this the most attractive color in this type.

Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains and colors of the Mammoth type, the Gigantea, the best European introductions of last year, all grown separately, and mixed in the right proportion.
Trade Pkt., $25 \mathrm{c} ; 1 / 4 \mathrm{oz} ., 50 \mathrm{c} ; \mathrm{oz} ., \$ 2.00 ; 2 \mathrm{oz} ., \$ 3.50$.

## VINCA ROSEA

This seed should be sown early to secure salable plants in spring Rosea Pink.......................... $\$ 8.00$; $1 / 4$ oz., 25 c c $\$ 0.15$ pkt. $\$ 0.80$ F1. Albo Oculata. White with pink eye... lb., $\$ 8.00$.15 80 Alba Pura. Pure white.................1/4 oz., 25c . 15 . 80 Delicata. Soft pink (new)................ . $1 / 40$ oz., $25 \mathrm{c} .15 \quad .80$ Mixed.....................................1/4 oz., 25c . 15 . 80


# Sweet Peas Early Flowering-Spencer Novelties 

4 ozs . and upwards of one variety supplied at pound rate. Less than 4 ozs . at oz. rate.
Oz Lb
Ball Rose. A most attractive bright dark rose with
$\$ 0.90 \$ 12.00$
$\$ 0.90 \$ 12.00$ an amber flush. an amber flush.
$.80 \quad 10.00$
Ball Blue. Clear blue of unusually free growth and flowering habit.
Ball Orange. The most glowing and attractive color. A clear rich dark orange without a trace of cerise or dark shading. $1 / 2 \mathrm{oz}$., $\$ 1.00 ; 4 \mathrm{ozs}$., $\$ 7.00$. ..... $2.00 \quad 24.00$
Bright Light. The color is a flaming self scarlet..... ..... $.80 \quad 10.00$
Charm. A glowing shade of rich rose-pink, shadingalmost to white at base of standard with a faintsalmon cast over the bloom. $1 / 2 \mathrm{oz} ., \$ 1.25 ; 4 \mathrm{ozs}$.$\$ 7.50$; $1 / 2 \mathrm{lb}$., $\$ 13.75$$2.25 \quad 25.00$
Duplex Pioneer. Beautiful rose-pink. Pkt., 50c; 1/4 oz., 85c. . ..... 3.00
Giant Rose, A large improved Zvolanek's Rose color ..... $.90 \quad 10.00$
Gleam. Bright geranium-pink. 4 ozs. $\$ 7.50 ; 1 / 2 \mathrm{lb}$. $\$ 13.75$; $1 / 2 \mathrm{oz}$., $\$ 1.25$ ..... $2.25 \quad 25.00$
Gilda Gray. Salmon-cerise, overlying a bright rose tint ..... 80 ..... 10.00
Illumination. Salmon-cerise ..... $.50 \quad 5.00$
Imperial Pink. A clear pink of enormous size. $1 / 4 \mathrm{lb}$., \$3.25 ..... $.90 \quad 12.00$
Jeanne Mamitsch. Striking pink, shading off to deepest pink ..... $.65 \quad 7.00$
Morse's Superior Pink. The color is a beautiful clear rose-pink, very slightly shaded with salmon. ..... $80 \quad 8.00$
Mrs. Calvin Coolidge. A bright salmon-pink with a suffusion of bronzy orange ..... $.90 \quad 10.00$
Orange King. It is a beautiful glowing orange ..... 90 ..... 12.00
New Blue. New deep blue ..... 65 ..... 8.00


## Morse's Superior Pink Sweet Peas

Oz.
Lb.
Spring Song. Flowers rich bright rose-pink, flushed salmon. $1 / 4 \mathrm{lb} ., \$ 7.00 \ldots .$. ........................ $\$$ Snow-White. A white-seeded white with long stem. Sweet Lavender. A pure lavender self, of enormous size.
. $\$ 25.00$
$.80 \quad 10.00$
.50
6.00

White Harmony. The best winter-flowering blackseeded white Sweet Pea to date

## Early Flowering Spencer Varieties



Miss Louise Gude. Good on open benches. Brilliant pink.
.50
Miss Spokane. Peach-red Wings bright scarlet, blending into an effect of rich orange-scarlet
Mrs. Chas. A. Zvolanek. Clear lavender
Mrs. A. A. Skaach. Flowers bright shell-pink
Mrs. W. G. Harding. Pale lavender
Mrs. Kerr. Salmon.
Pink Cherokee. A fine pink suffused with salmon on a deep cream ground
Pink and White.
Pink Profusion. A sparkling shade of rich pink
Rose Dore. Rose-pink suffused orange.
Rose Queen. Rose-pink
Snowflake. White
.50
5.40
$40 \quad 4.80$
$.40 \quad 4.80$
60
6.00
$60 \quad 7.00$
$65 \quad 8.00$

Snowstorm Improved a vigorous grower Alowers $40 \quad 4.80$
nowstorm Improved. A vigorous grower, flowers large, of great substance and are borne in fours on long stem.
$40 \quad 5.00$
The Beauty. Fiery dark rose ........................... . . . . 40
Torch. Salmon-rose. ....................................
buff........................................................
Vulcan. The color is vivid scarlet; never burns in the hottest sunshine.
4.80
.40

Zvolanek's Rose. A giant rose-pink; the best of its color to sow for spring blooming, to follow the mums
Zvolanek's Lavender.
Zvolanek's Orange
Early-Flowering Spencers, Mixed, many kinds . 50
Early-Flowering Spencer, Vaughan's Special Mixture

## Hardy German Iris

[ئ巳 " $S$ " refers to the three standard or upright curling petals. " $F$ " refers to the three falls or drooping petals.
The figures preceding the varieties are the rating given to them by the American Iris Society, 10 being the highest rating used in the judging

## New and Choice Varieties

8.3 Afterglow. Large flowers of soft grayish lav- Each

| Each | $\begin{array}{r} 10 \\ \$ 3.50 \end{array}$ | $\begin{gathered} 100 \\ \$ 20.00 \end{gathered}$ |
| :---: | :---: | :---: |
| \$0.25 | 2.00 | 15.00 |
| . 60 | 5.00 | 40.00 |
| 2.00 | 15.00 | 120.00 |
| : 2.00 | $\ldots$. |  |
| . 75 | 6.00 | 50.00 |
|  | 3.00 | 20.00 |
| 1.00 | 7.50 |  |
|  | 1.00 | 6.00 |
| . 30 | 2.50 | 20.00 |
| 1.25 | $\ldots$ |  |
| .... | 2.50 | 20.00 |
| . 25 | 2.00 | 10.00 |
| . 40 | 3.00 | 20.00 |
| . 35 | 3.00 | 20.00 |
| 0.20 | 1.50 | 10.00 |

8.9 Alcazar. "S" light bluish-violet; " $F$ " ench velvety 9.4 Ambassadorple. A very rich and striking flower An almost regal fower that should have a great future. " S " fascinating 8.3 Archeveque (Archbishop). "S" Deep velvet vio 9.2 Asia. " 45 inches. "St" vale silvery lavender dee..................... ing at the base to golden yellow. "F" pale reddish
9.4 Ballerine. Early. "S" light violet-blue; " F .: deeper. Very fragrant. Single blooms often five inches long. Wide rounded standards waved at 7.9 Benbow. enbow. " $S$ " and " $F$ " deep violet-blue; large Canopus. 36 inches. A wonderful Dominion seedling: "S" reddish violet, broad and finely arch-
7.5 Caprice. " S " reddish purple; " F " deeper pxrple.

Cecil Minturn. 24 inches. $\because S$ "and "F" a uniform soft shade of cattleya-rose. A beautiful flower, dome shaped. with broad ruffled petals.
Chasseur. 36 inches. This is no doubt the finest
yellow Iris of European origin. Very fine yellow Iris of European origin. Very fine large flower of deep yellow, becoming lighter with age. 8.6 Cluny. "S" soft lilac-blue; " F " a little darker. A 8.0 Col. Candelot. 36 inches. " S " smoky copper; " F '" deep rich crimson. Flowers large and distinct in color. A vigorous grower and free flowering.
8.7 Crusader.
8.0 Dalila. 24 inches. "S" pale flesh white; " F " rich,
red-purple with yellow beard
8.3 Dejazet. "S" bronze-rose with golden sheen; "" ${ }^{\text {F }}$ " reddish-violet, the whole beautifuly blended,
Large broad flower. ............... $1,000 \$ 80.00$
.1 Dominion. " S " Dauphin's blue or light bluish violet, large, erectly held, well developed and slightly veined. Fof exceptional substance expanding at veining at throat; conspicuous orange beard; broad, blue-green foliage. $\because$................................. beautiful Iris of Pallida type. The large flowers are perfect in form and of ogreat substance... " S ". of intense reddish purple
7.8 Eldorado. "S" bronze, shaded yellow; "F" violetpurple touched with bronze-yellow
Empress of India. A beautiful novelty with long and elegant flower stems bearing blooms of a Flammendid violet-blue.
Flammenschwert. "Flaming Sword," 30 inches. "S" bright clear yellow; " $F$ "' velvety brown with yellow border . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
7.6 Florentine Alba. This is a good early white..... George Yeld. An outstanding, variety with a new combination of colors. "S"" bright apricot Large flowers of very fine form
Gold Imperial. 33 inches. Chrome yellow throughout except for conspicuous orange beard. A fine yellow Iris, deeper in color than Shekinah ...
8.5 Grevin. Late. with bight yellow veining shading
7.1 Halfdan. Creamy white. Large and of good sub-
7.3 Her Majesty. " $S$ " soft rose; "F", deeper rose,
7.9 Iris King. " $S$ "' old gold; "F ", rich crimson bor-
8.5 Isoline. "S" S " lilac-pink; "F" purplish old rose....
7.8 Jeanne d'Arc. White, edged lilac, .................
8.1 Juniata. Clear blue, deeper than Pallida Dalmatica One of the tallest; flowers, large and fragrant. .10 .0
7.8 Kochi. "S"' Purple-lilac; "F", velvety black. ...... Lady Byng. A beautiful Iris with flowers of exceptionally fine form and substance. The color throughout is a clear pale lavender with a slight 8.3 La Neige. Late. waxy white. The falls are carried stiffly horizontal Good cut-flower variety. .......... $1,000, \$ 100.00$
9.0 Lent A. Williamson. Early. "S" very broad, soft campanula violet; "F" very large velvety royal purple. Brilliant gold beard. Massive in growth stalk and fower. Always dependable. . $\because$ :" F ". ord of June. "'S" flappy lavender-blue: " $F$,
violet-blue. An exceedingly handsome Iris.
8.2 Lohengrin. Large handsome silvery-mauve flowers.
7.9 Loreley. "S" light yellow; " $F$ "' Uitramarine-blue.
8.5 Medrano. Late. "S. and "F a beautiful dark smoky claret color. Very unusual effect rich dark, velvety pansy-vislet, with narrow edge of lavender white. A bright Rhein Nixe.
Miranda. Clear violet-blue. Early
.7 Mile. Schwartz. 48 inches. Lovely pale mauve hle. Schwartz. 48 inches. Lovely pale mauve
$\begin{array}{lll} & 5.00 & 35.00\end{array}$

| $\cdots .00$ | 25.00 |
| :--- | :--- |


| $\ldots$. | 1.00 | 8.00 |
| :--- | ---: | ---: |
| $\cdots$ | 5.00 | 40.00 |$\begin{array}{lrr}.75 & 6.00 & .75 \\ \ldots & .75 & \end{array}$


|  |  | 3.00 |
| :--- | ---: | ---: |
| $\ldots$ | .75 | 5.00 |
| $\ldots$ | 1.20 | 8.00 |
| $\ldots$ | 1.50 | 10.00 |
| $\ldots$. | 2.00 | 15.00 |
| $\ldots$ | 1.00 | 8.00 |
|  |  |  |
| $\ldots$. | 1.09 | 7.00 |
| $\ldots$ | 1.00 | 7.00 |


| $\ldots$. | 7.50 | $\ldots$ |
| :---: | :---: | :---: |
| $\ldots$ | 1.50 | 12.00 |
| $\ldots$ |  |  |
| $\ldots$ | 3.00 | 25.00 |
| $\ldots .00$ | 40.00 |  |
| $\ldots$ | 1.20 | 10.00 |
| $\ldots$ | 4.00 | 30.00 |
|  |  |  |
| 1.50 | 12.59 | 20.00 |
| $\ldots$. | 2.50 | 20.00 |
| .75 | 5.00 | 40.00 |

IRIS-Continued

| Each | 10 | 100 |
| :---: | :---: | :---: |
| 0 .... | \$0.70 | \$ 5.00 |
| . $\$ 0.35$ | 3.00 |  |
|  | 3.00 | 20.00 |
| 0 .... | . 60 | 5.00 |
| - .... | 3.50 | 25.00 |
|  | 4.00 | 35.00 |
|  | 2.00 | 15.00 |
| 1.00 | . | ..... |
|  | 3.00 | 25.00 |
|  | 2.00 | 15.00 |
|  | 1.25 | 10.00 |
|  | 1.00 3.50 | 8.00 25.00 |
| .... | . 75 | 5.00 |
|  | 1.00 | 8.00 |
| . 70 | 6.00 | 50.00 |
|  | 1.00 | 7.00 |
| . 40 | 3.50 | 25.00 |
|  | . 75 | 6.00 |
| . 30 | 2.50 | 20.00 |
| . 1 . | 1.00 | 8.00 |
| .... | . 60 | 5.00 |
| . 60 | 5.00 |  |

8.5 Miar border of clear blue........... Chobaut. 36 inches. i . 000 , $\$ 40.00$ with pale chalcedony yellow, shading into wine-red. " F " white edged with lilac.......................
8.5 Moliere. Early. " $S$ " dark violet; " $F$ ". darker
8.4 Monsignor. " S " blush lavendar; " F " violet with white pencilings at throat; late. $. . .1,000, \$ 40.00$ Mother of Pearl. 48 inches. A pale bluish lav-
ender flower of exceptional substance and a lusender flower of exceptional substance and a lusMrs. Walter Brewster. " S " lavender-blue; " F " aniline-blue. Often six blooms at the same time. 8.1 Neptune. 38 inches. " $S$ " bright pale blue; "F rich dark purple. Flowers very arge, borne on tall, branching stems; very choice. Midseason. 10.0 7.9 Ochracea. 30 inches. " S " dull old gold, finely arched; " $F$ '" coppery yellow, tinged with purple. Flowers of wonderful colorin Very sweet-scented and late.
8.7 Opera. Early, " $S$ S" bright reddish-lilac; $\because$ " ${ }^{\circ}$ " deep velvety purple-lilac. Beard yellow
$3.00 \quad 25.00$
7.8 Oriflamme. "S', Light blue; " $F$ " rich violet-pur-
8.8 Pallida Dalmatica. Exquisite lavender-blue......... 8.1 Parc de Neuilly. Deep violet-blue.
9.5 Princess Beatrice. Silvery lavender ...................
8.3 Prosper Laugier. Mhadidseason. "S"; fiery bronze " 3 Prosper Laugier. Midseason. ..... fiery branze;

Prospero. "S" pale lavender flushed with yellow at base; " $F$ deep red-purple with lighter shadings at margin. Heavily marked with brown at the haft. Deep orange beard. Strong grower. Flowers very large and of fine shape.
4 Quaker Ladatum-blue and lavender, shaded yellow
9.1 Queen Caterina. Pare lavender-violet, with orange beard; white haft, veined with bronze. A strong grower and hardy where Caterina fails
7.4 Queen of May ${ }^{\text {" }} \mathrm{S}^{\prime} \mathrm{S}^{2}$ lilac-pink; " ${ }^{\text {" }}$ " lilac blended
8.1 Raffet. Flowers uniform dark blue, the falls being striped at base with white; beard yellow' late...
4 Rhein Nixe. " S " white, very large; " F " rich violetpurple, narrow white edge......................... violet; "F", "of deep coloring
Rotorua. "S"" pale lavender blue; "sis" s.............. shade suffused deeper blue at the center. Flowers born on tall, well branched stems.
.5 .00
8.3 Seminole. " $S^{\prime \prime}$ soft violet-rose; " F " ${ }^{\circ}$ " rich velvety crimson; brilliant orange beard. One of the most outstanding of the red-toned Irises. Rich in color and a wonderful effect in mass. . ... 1,000, $\$ 200.00$ 8.7 Shekinah. 36 inches. Clear soft yellow, shaded through the center. One of the finest yellow Irises and the first of Pailida growth. Midseason
7.6 Sherwin Wright. Early. $\%$ sh: and " F "'s splendid

9.3 Souv. de Mme. Gaudichau. "S. Bradley's violet;
7.6 " $F$ " brilliant black-purple. Millet's best variety.. of grayish slate-blue with bronze shading: " $F$ " purplish blue. Very fin

|  | 3.00 |
| :--- | :--- |


| $\ldots$ | 3.50 | 30.00 |
| :--- | :--- | :--- |


| $\ldots$ | 1.00 | 7.50 |
| :--- | :--- | :--- |
| .75 | 6.00 | 50.00 |

.5 Sweet Lavender. 36 inches rose-pink............ "F" deep rose-lavender, very broad and horizontal. A lovely Ir ris with fine fragrance
The inca. $S$ clear deep saffron-yellow: " $F$ "
velvety dark plum-edged golden band through center; golden reticulations at base

|  |  |  |
| ---: | ---: | ---: |
| 1.55 | 5.00 |  |
|  | $\cdots$ | $\cdots$ |
|  |  | 50 |
|  |  |  |

Trianon, "S" yellow; " $"$ "" yellow with bluish reflections. Color delicate and new. A vigorous grower and very floriferous. ...... $1,000, \$ 120.00$ 8.4 Troost. 24 inches. $S$ deep rosy purple; $F$. 8.3 White Knight. Late. ${ }^{\text {panging }}$ to brown "F absolutely snow-white without markings, finely formed, delicately sweet-scented, and a very vigorous grower. 8.3 W. J. Fryer. "S" large bright yellow; " $F$ " large 8.5 Zwanenburg, 20 inches. "S". cream, striped maroon; " $F$ " ${ }^{\text {" dark olive-brown, edged violet. Early. }}$

MIXED

|  | 5.00 | $\mathbf{4 0 . 0 0}$ |
| :---: | :---: | :---: |
|  |  |  |
|  | 2.50 | 20.00 |


| $\ldots .$. | 2.00 | 15.0 |
| :--- | :--- | :--- |

$\begin{array}{ll}\ldots .00 & 20,00\end{array}$
$\begin{array}{lll}. & 3.00 & 20 . \\ .50 & 3.50 & 25.00\end{array}$

| JAPANESE IRIS (Kaempferi) |  |  |
| :---: | :---: | :---: |
| GOLD BOUND. White with gold banded center. 2.00 |  |  |
| Double Early . . . . . . . . . . . . . . . 1,000, \$125.00 | 2.00 | 15.00 |
| KUMOCHI-GUMA. Dark purplish indigo. Midsea- |  |  |
|  | 2.00 | 15.00 |
| double of pleasing lavender effect.... 1,000, \$125.00 | 2.00 | 15.00 |
| MAHOGANY. Velvety mahogany red. Double | 2.25 | 18.00 |
| MOMIGI-NO-TAKI. Variegated rosy carmine. Double | 2.00 | 15.00 |
| PURPLE and GOLD. Rich violet-purple. Gold |  |  |
| center. Double. Midseason....... 1,000, \$125.00 | 2.00 | 15.00 |
| UCHIU, Cerulean blue, veined white. Gold center. |  |  |
| Double. ${ }^{\text {a }}$ | 2.00 | 15.00 |
| ZAMA-NO-MORI. White, slightly shaded azure blue. |  |  |
| A large and beautiful single............ $1,000, \$ 125.00$ | 2.00 | 15.00 |
| MIXED . . . . . . . . . . . . . . . . . . . . . . . . . $1,000, \$ 100.00$ | 1.50 | 12.00 |
| PUMILA (Hybrida) |  |  |
| Cyanea. Rich royal-purple with black shading | . 65 | 5.00 |
| Dixmude. Violet-pur | 1.00 | 7.00 |
| Schneekuppe. Whi | 5.00 |  |

## Vaughan's Peonies

WE have an exceptionally large stock of our own growing, Strictly true to name, all in strong divisions, with from 3 to 5 eyes each. Besides these divided roots, we can supply many of the following varieties in medium sized
roots 5 to 8 eyes; and large sized roots 8 or more eyes. These sizes are more roots 5 to 8 eyes; and large si
suitable for private customers.

The figures preceding the varieties are the rating given to them by the American Peony Society.

## WHITE AND LIGHT SORTS

8.8 Alsace-Lorraine. Creamy white; late............
9.0 A. M. Slocum. White with golden stamens. SemiEach
$\$ 1.5$
5.00
7 Avalanche. Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. A splendid white; crown type; late midseason......
Baroness Schroeder. Rose type; late. White with
 1 Couronne d'Or.
7.8 Duc de Wellington. Very large, well-formed sulphur-white bloom, stems very firm and long,
 with greenish reflex, cup-shape. . . . . . 1000, $\$ 180.00$
8.9 Enchanteresse. Large creamy white. Rose type;

0 Fery late. Large pure white with prominent red
markings; rose type; midseason
9.3 Festiva Maxima. Flowers of immense size, 7 to 8 inches in diameter, snow-white with red blotches on edges of center petals
9.1 Frances Willard. Blush-white changing to pure

9.1 Lady A. Duff. Pale pink; midseason. ............
8.3 La Rosiere. White with cream-white center; semi5 La Tulipe. Delicate blush-white, shading to ivorywhite with red tulip markings on the outside of guard petals; semi-rose type; fragrant.
9.9 LeCygne. Unquestionably the finest white. ...... .9 Madame de Verneville. Guard petals sulphur-
white, center delicate rose-white, one of the most desirable of the white Peonies for all purposes. June rose fragrance
8.9 Mme. Emile Lemoine. As this flower opens it has the cream-and-blush tinting of an oriental pearl, exquisite and delicate. The blossoms are very large. Midseason.
9.4 Mad. Jules Dessert. White; midseason...................................... cream-white center, carmine tips. Fragrant; late. .
7.8 Miss Salway. Lilac white. Early midseason..... ivory-white; center petals splashed with carmine fragrant; a strong grower; very tall; midseason..
8.8 Nymphaea. Semi-double flowers of delicate creamy white. Yellow stamens.
8.9 Pleas' Jubilee. Ivory-white; midseason. . . . . . . .
8.6 Prant; mid-season. . ..................................
6.8 Queen Victoria. The best white for general use. A splendid keeper and shipper and for cold storage.
9.1 Rose Shaylor. Flesh-white. Rose-type; tall; mid-
9.7 Solange. Deep cream, tinged with amber.

## LIGHT AND DARK PINK AND

7.1 Alexander Dumas. Light violet-rose, of medium size. A creamy white collar of narrow petals mingled with the white outer petals. A fine cut-flower variety.
Early midseason ..................................... . Elaire midseason
8.7 Claire Dubois. Clear, satiny pink, with giossy reflex. Late midseason.
7.7 Dorchester. Creamy fiesh-color, tinged with pink............................................... $\$ 180.00$
Edulis Superba. Bright clear mauve-pink with
silvery reflex; fragrant. This variety is usually in silvery reflex; fragrant. This variety is usually in
bloom by Decoration Day............................. bloom by Decoration Day.
8.9 Georgiana Shaylor. Pale rose-pink; midseason... 9 Jeanne d'Arc. Collar, cream-white, shaded with sulphur. Guards, pale lilac-rose, and full high brilliant pink center, with occasional carmine spots. A vigorous plant; midsummer bloomer; fragrant....... flower; late midseason...................1000, $\$ 180.00$
.0 La France. Soft appleblossom-pink; late midseason. Lillian Gumm. Shell-pink deeper in center. Ruse .1 Lype; very fragrant; late midseason 1 .i............ highest class. Rose-shape. Free. Vigorous bloomer
 Mad. Ducel.
8.5 Mad. Emile Galle. Shell-pink. Rose type; fra-
7.7 Mad. Forel. ${ }^{\text {grant. }}$ Immense, compact, bell-shaped blooms, clear, deep rose; strong stems; very fragrant;
7.9 Mad. Joanne Sallier. Rose-pink; early.

| .35 | 2.50 | 20.00 |
| :---: | :---: | :---: |
| .75 | 6.00 | 45.00 |
| .35 | 3.00 | 20.00 |
|  |  |  |
| .35 | 2.50 | 20.00 |
| 2.75 | 20.00 | $\cdots \cdots$ |
|  |  |  |
| .35 | 3.00 | 25.00 |
| .35 | 2.50 | 20.00 |
| 3.50 | 30.00 | $\cdots \cdots$ |
| 8.00 | $\ldots$. | $\cdots$ |
|  |  |  |
| .65 | 5.00 | 40.00 |
| .50 | 4.50 | 35.00 |
| .60 | 5.00 | 35.00 |
|  |  |  |
| .40 | 3.50 | 25.00 |
| .25 | $\cdots$. | $\cdots .$. |
| .50 | 3.50 | 25.00 |
| .00 |  |  |

Light and Dark Pink and Rose-Cont ${ }^{\circ} \mathrm{d}$.
9.0 Mary Woodbury Shaylor. Clear pink with cream center; midseason. $1 . .$. ............................... $\$ 6.00$
Milton Hill. Delicate lilac-pink. Rose type; 3.00 9.0 Milton Hill. Delicate lilac-pin
9.2 M. Jules Elie. The best pink.
8.5 Octavie Demay. Very large, flat crown, guards and center delicate hydrangea-pink; collar almost white. Very fragrant; very dwarf; midseason......
8.2 Pierre Duchartre. Rose type; late. Large, compact flowers of a delicate flesh-pink; fragrant.......................... President Taft. (Reine Hortense.) Delicate hydrangea-pink. A vigorous, strong grower and pro-
fuse bloomer; midseason................ 1000 , $\$ 500.00$ Princess Beatrice. Light violet-ro..............ith crimson flecks; compact and large; free-bloomer; fragrant; early midseason.
Queen Wilhelmina. Rosy pink. ' Full rose type;

 Sarah
8. Souvenir de Francois Ruitton. Bright cherry pink

1 Souvenir de Louis Bigot. Bright bengal-rose.
8 Therese. Violet-rose, changing to illac-white; mid-
 Triomphe de l'Exposition de Lille. Large fower; hydrangea-pink, splashed with darker tints and with White reflex. A splendid sort; late midseason.
8.3 Venus. Delicate shell pink. Crown type; midseason.
9.3 Walter Faxon. Bright delicate rose

Walter Faxon. Bright delicate rose...........
RED AND CRIMSON
8.7 Auguste Dessert. silvery reflex
7.8 Augustin d'Hour. Bomb type; midseason. ................................... very deep, rich, brilliant solferino-red with slight silvery reflex
8.6 Cherry Hill. Deep garnet with conspicuous sheen;
7.1 Delachei. Violet-crimson; large, compact flower semi-rose type. A good red peony.

8.4 Felix Crousse. Best red for florists.. 1000 , $\$ 350.00$ Grover Cleveland. Rich dark crimson; late ...... $\quad .90$
.8 Karl Rosenfield. Very large flower, globular semirose type. Extremely vigorous grower; tall and freeLord Kitchener." Brilliant cherry-red; early mid-
0 Longfellow. Bright crimson. Semi-.............................................
late midseason. .............................................
9 Louis Van Houtte. Medium size semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery
$\begin{array}{llllll}\text { reflex, medium late..................000, } \$ 225.00 & 35 & 3.00 & 25.00\end{array}$
. 5 Marechal Valliant (Grandiflora Rubra). Of immense size, light red, resembling the American Beauty rose; rose type; a strong grower; one of the Mary Brand. . Vivid crimson of immense, $\$ 220.00$
.35
$3.00 \quad 25.00$
Mary Brand. Vivid crimson of immense size; full
double; a free-bloomer and a strong grower; delightdouble; a free-bloomer and
8.8 Mons. Martin Cahuzac. Dark purple-garnet with

Olack reflex . Rubra Plena. This is the old-fashioned red, the most brilliant of all red peonies; eariy and splendid cut flower
9.2 Philippe Rivoire. Brilliant crimson................................ with Edulis Superba. Fragrant. Ranks with Karl Rosenfield and M. Martin Cahuzac as the three best dark red peonies. JAPANESE-FLOWERED PEONIES
9.2 Amo-No-Sode. Bright-rose, shading lighter toward
the edge of the petals; similar to Tamatbako....... 6.00
Distinction. A large flower with broad petals of
Distinction. A large flower with broad petals of
very deep pink; center of narrow filamental petals of same color, irregularly streaked with golden lines. 1.50
Gold Minē. Petals deep rose; deep gold center... 1.25
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold.
Ruigegno. Clear red with golder petaloids.................. 1.50
8.3 Snow Wheel. Waxy white ................................... $\mathbf{3 . 0 0} \quad \mathbf{2 5 . 0 0}$
8.0 Torpilleur. Guard petals lively purplish-carmine central fiamentous petals of same tint but streaked
and tipped with yellow.............................. 3.00
$\mathbf{2 5 . 0 0}$

## SINGLE PEONIES



UN-NAMED PEONIES-Divided Roots of from 2 to 5 Eyes
Double Pink
Double Red
Double White


10
22.00
2.50
2.00
1.75
$\$ 100$

PEONIES IN CASE LOTS
For several years we have sold specially packed cases. The roots are young and each has 2 to 5 eyes. These cases contain 75 double white, 75 double pink and 50 double red, each color separate- 200 roots in all.

Price, per case, $\$ 28.00$. We cannot divide cases.

## Greenhouse Plant Department



ASPARAGUS PLUMOSUS NANUS

Prices are F. O, B. Western Springs, I11. where we ship by American Railway Express and C. B. \& Q.R.R.

We assumeno transportation risks transportation risks after shippingin good order. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars teleg

Soft plants are not shipped to distant points by freight.

Billing- 3 plants of any one variety at the dozen rate; 25 at the 100 rate; 250 at the 1,000 rate.
On plants in bloom for Christmas and Easter or Cold Storage Stock, we cannot entertain claims for allowances in case of damage in transit, the stock being sold on a basis of actual value.

Plants are from $21 / 4$-inch pots unless otherwise noted.
Packing will be charged on all orders at cost.

| AGERATUM |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 100 | 1000 |
| Fraseri. | 21/2-inch pots. |  | \$600 | \$5500 |
|  | ASPARAGUS PLUMOSUS NANUS |  |  |  |
| Size pots | We are headquarters for select stock. | Each | Dozen | Per 100 |
| Seedling. | . . . . . . . . . . . . . . . . . . . Per 1000, \$10.00 |  |  | \$ 150 |
| $21 / 2$-inch. | .Per 1000, 55.00 |  | \$0 85 | 600 |
| 3 -inch |  |  | 150 | 1000 |
| 4 -inch |  |  | 250 | 1800 |

## ASPARAGUS SPRENGERI



## BUDDLEIA VARIABILIS

The true hardy lilac-blue. A most satisfactory Fliorist summer cut flower. Secure $21 / 4$-inch stock now, keep pinched and shifted during the winter in the greenhouse, and they will make large p!ants that will bloom continually all the following summer
$800 \quad 7500$
CHRYSANTHEMUMS \{ Write for our special list of Rooted Cuttings. StandCARNATIONS $\quad$ ard and new varieties.


## CALADIUMS-Vaughan's Special Fancy-Leaved

Dry Bulbs. Named sorts. For window boxes, show plants or greenhouse growing, this is one of greenhouse growing, this is one of
the most decorative plants. Rich, the most decorative plants. Rich, thrity leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark growth about March 1st in a warm growth
house.

Each Season we run an extensive variety trial to be sure that we stock only the best. and brightest colors.
The size runs from $11 / 4$-inches to 3 -inches in diameter, depending on the variety.

Dormant Bulbs for January and Febraary delivery.

FANCY-LEAVED CALADIUM

|  | Doz. | 100 | 1000 |
| :---: | :---: | :---: | :---: |
| Rainbow Mixed. | \$2 00 | \$1400 | \$12500 |
| Named. Our selection | 250 | 1650 | 14800 |
| Unusual and rare varie | 300 | 1875 | 17300 |

## DRACAENAS

| Indivisa, $2-1 / 2$ inch3-inch. |  | Each | Per 100 |
| :---: | :---: | :---: | :---: |
|  |  |  | \$ 600 |
|  |  |  | 1000 |
| Fragrans, 4-inch |  | \$0 75 |  |
| 5 -inch. |  | 100 | . |
| 6 -inch |  | 150 |  |
| Masangeana. The yariety with the golden stripe center of the leaf. 4 -inch. <br> 5 -inch. <br> 6 -inch . |  |  |  |
|  |  | 85 | ... |
|  |  | 125 |  |
|  |  | 175 |  |
|  | FICUS ELASTICA |  |  |
| 4-inch. |  | 50 | 4500 |
| 5 -inch. |  | 75 | 7000 |
| 6 -inch. |  | 125 |  |

## FUCHSIA

Black Prince. A bright, waxy carmine; tube and petals large and broad with pale green tips; open pale pink corolla.
Mrs. E. G. Hill. Compact grower making a nice shapely plant; sepals bright crimson, white corolla, double
Speciosa. Flowers single with pale carmine sepals and deep scarlet corolla.
Trailing Queen. A lovely drooping habit; large flowers of rosy-scarlet and violet-purple color.
Price, $23 / 1$-inch, $100, \$ 6.00$.

## GERANIUMS



Strong stock ready in November and December. All pot-grown plants
Of all the plants for Easter and Spring flowering this one is probably the most popular and important. The following varieties are suitable for Florists use.

|  | 5-inch each | 6 -inch each |
| :---: | :---: | :---: |
| Attraction. Early silvery ros |  | \$0 60 |
| Baby Bimbenet. Silvery rose. | 40 | 60 |
| Coquelicot. Free, deep carmine pink | 50 | 70 |
| E. G. Hill. Clear pink. | 40 | 60 |
| Jad Groenwegen. Soft pink, strong and | 40 | 60 |
| Kriemhilde. Bright salmon-pink | 50 | 70 |
| Lancelot. Bright pink. One of the best early | 50 | 70 |
| Lillie Moulliere. Bright cheerful rose | 40 | 60 |
| Marshall Foch. Deep carmine. Early | 50 | 70 |
| Otaska. Pink. The old favorite. | 40 | 60 |
| Souv de St. Chaure. Bright rosy carmine | 40 | 60 |
| Trophee. Best red. | 50 | 70 |
| ENGLISH IVY |  |  |
|  | 100 | 1000 |
| Three cuttings in a pot $21 / 4$-inch | 650 | 6000 |
| Heavy, 4-inch. | 2000 |  |
| LANTANAS |  |  |
|  | 100 | 1000 |
| Several of the best $21 / 4$-inch. | $E 50$ | 5000 |

## SANSEVIERA LURIDA

|  | SANSEVIERA LURIDA |  |
| :---: | :---: | :---: |
| 4-inch. | Each | Per 100 |
|  | . $\$ 080$ | \$ 7500 |
|  | 150 | 15000 |
| SNAPDRAGONS |  |  |
| Copper King. Philadelphia, Penn Orange, Maximum Rose, Orlando, Hunt's Geneva Pink, Golden Pink Queen, |  |  |
|  |  |  |
|  |  |  |

Jackson, Mo., April 14, 1928.
Vaughan's Seed Store, Chicago
Dear Sirs:-Please ship at once, if possible, your assortment of 500 Gladioli collection at $\$ 11.00$, and oblige,

Your collection of Tulip bulbs sent out last fall is a winner, far superior to anything we ever sold.

Very truly,
Mrs. H. L. OBERMILLER.


500 Darwin Tulips and Display Box

## 10

Retails for $\$ 20.00$.

F. O. B. CHICAGO OR NEW YORK

Delivered after September 15.

Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

## Sell Vaughan's Famous Bulbs from Our Beautiful Displays

$\int$ OR 50 years we have been the source of supply for flowering bulbs for florists and private and sell Vaughan bulbs of named varieties without danger of overstocking, spoilage, or mixture of varieties. Our patented 10 -compartment display box of 100 -point board, printed in brilliant colors, holds 500 bulbs, 50 each of 10 named varieties. They are open to your customer's inspection, and exposed freely to the air, as is necessary to prevent rot. Counter space of $13 \times 29$ inches, only $21 / 2$ square feet, is needed.

The 10 named varieties ( 50 each) in this collection are the most popular we know, including: Tonnaye, Pride of Haarlem, Farncombe Sanders, Inglescombe Yellow and others of like quality. You retail them for 50 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for
$\$ 9.00$ for 500 bulbs, 10 each of the same varieties, in bags of 50 ; or $\$ 17.50$ for 1,000 bulbs, 100 each of the same 10 varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.

47 Barclay St., N. Y. VAUGHAN'S SEED STORE Drawer V, Chicago, Ill.



A new idea seed display, U. S. Patent No. 1,661,406, used only by Vaughan's Seed Store. It sells what your customers want to buy. It sells the garden. Light, staunch, compact, it will hold $\$ 100$ worth of 10 -cent packets, displaying each one to the hest buy. It sells the garden. Light, staunch, compact, inches. Note the dated laboratory gold certificate of High Test Seeds.

# The Best Side Line for Florists 

A Display Which Will Ornament Your Store

ANY florist who maintains a retail store faces this problem: How to increase volume in dull seasons, when flower såles are few, but overhead expense goes on just the same.
The best answer so far is: Expand your stock. Anticipate sales opportunities, and carry new lines which your regular customers will be glad to buy of you.

## Seeds and Flowers Go Together

In selecting new lines, you must be careful. A florist shop cannot become a department store. All important to your prosperity is the impression you make on the public mind. This must be clean-cut, unconfused. They must never think of your shop as anything but a high grade florist shop. Nothing must be added to your stock, or displayed in your store which will contradict this impression. Your side lines must be limited to such as are naturally associated with flowers.
The seed business is naturally allied with the florist business. Many of your customers buy seeds, and they will prefer to buy them of you, because you are expert in the use of seeds. And now you can offer them Vaughan's Seeds, the kind you use, and know and can recommend, displayed in the ariistic poster-rack, illustrated above, whose brilliant colors will ornament your store.

## A Growing Business You Should Share

Gardening is on the increase, and the seed business is growing rapidly along new lines. Before the world's war the largest sales were of vegetable seeds, for moneysaving kitchen gardens. Now there is a different trend. Gardens are being made for recreation and decoration, and sales of flower seeds are showing the greatest increase. Florists are the natural source of decorative materials. Every florist should carry seeds, and there is only one seed display which has been designed especially to fit into and adorn the florist shop; that is:

Vaughan's Seed Display Beautiful.


A Dainty, Decorative Window Sticker in Color, Guaranteed to Atract the Eye of a Woman. Paste it Eye-High near the Door. $11 \times 7$ inches.


A Brilliantly Colored, Attention Commanding Streamer of Modern Art Design. 40x16 inches.

## Here is What We Send You

## to Sell the New-Type Home Gardener

Dated, Certified Seeds. A dated assortment of garden seeds, freshly tified by a qualified seed analyst, containing vegetables chosen for their flavor and tenderness and the largest selection of flower seeds put out by any commission seed house.
Pictures from Oil Paintings. Accurate full color pictures, made from oil paintings, of each variety of flower and vegetable in the assortment. Each has been painted in oils by an artist from life specimens of the flower or vegetable it illustrates; and from these paintings our own 4 -color proce'ss plates were made, from which our special packets are printed. On the back of each packet are cultural directions.

## Brilliantly Colored Posters and Streamers.

Color sells everything nowadays and nowhere is it more necessary than in selling the garden. Vaughan's posters are modern, artistic, brilliant. They will dress up your store and give it the atmosphere of spring, helping business in every line.
Poster Rack That Sells The Garden. As fully described and illustrated on the first page.
If you decide to try the NEW SEED BUSINESS, please Fill out This Contract and Mail it to us NOW

We operate on a fixed quota which limits the number of assortments we have to place each year. A contract filed now will assure you of a place on the list of 1929 dealers; but if you delay, our quota may be filled.

Please give references for the benefit of our credit department unless you have a rating or already have an account with our house. This will save time and avoid


A Beautiful Hanger in 4-Color Process Made from an Oil Painting, Realistically Picturing Flowers and Vegetables. 13×19 inches. Free to You. the necessity of writing especially for them.

Your Firm Name
VAUGHAN'S SEED STORE
Your Address.
Commission Box Department
Drawer V., Chicago, Ill.
Please forward, in due season, one assortment of garden and flower seeds for me to sell on commission for the season of 1929. I agree to display this assortment and the advertising material sent with it, in my store, and to sell all the seeds possible. On or after July 1, when requested by you, I agree to return the unsold seeds by parcel post, and to pay, upon receipt of statement, the retail value of the seeds sold by me, less $40 \%$ commission. Unsold seeds returned by me are to be credited, and only the amount of seed actualiy sold less $40 \%$ commission, are to be billed. I further agree, when season is ended, to destroy the display rack furnished by you with the goods.


Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut flower proposition recently. The ease of culture, short time of production and low initial cost of stock make this one of the best catch crops a florist can plant.
The new selections of the Stock Flowered and Hyacinth Flowered strain include nearly an entire color range, the pinks being particularly effective.

Stock-Flowered. Newport Pink White.
Bright Rose
Dark Blue
Exquisite Pink
Flesh
Lilac
Sky-Blue
Mixed

Pkt. Oz.
lb., \$ $6.00 \$ 1.15 \$ 0.80$

| lb., | 5.40 | .15 | .60 |
| :--- | ---: | ---: | ---: |
| lb., | 6.00 | .15 | .60 |
| lb., | 5.40 | .15 | .60 |
| lb., | 14.00 | .25 | 1.00 |
| lb., | 5.40 | .15 | .60 |
| lb., | 5.40 | .15 | .60 |
| lb., | 5.40 | .15 | .60 |
| lb. | 4.00 | 10 | 40 |

Improved Giant Hyacinth Flowered
Violet Blue ............................. . . lb., $\$ 10.00$ \$0.35 \$0.85
Mauve . . . . . . . . . . . . . . . . . . . . . . . . . . . lb., 10.00 . 35 . 85
Pink . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 35 . 85

White . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 1 b. ., 10.00 . 35 . 85

Mixed . . . . .............................. . . . $1 \mathrm{lb} ., \quad 8.00$. 25 . 80

EXQUISITE PINK "IMPROVED". This is the most outstanding flower seed novelty in annuals this year. It is a selection of this beautiful salmon-pink which comes practically $1000_{0}$ true, stock is limited. Trade Pkt., 65c; oz., \$2.00.

## Vaughan's Cannas

Dormant roots ready for delivery October 15 th.
This short collection comprises the best obtainable leading new Cannas of real merit in both size of flower and clearness of color.
Yellow King Humbert 4 ft. An orchid-flowering sport of the the same habit of growth as its pall-known variety King Humbert. Has measuring 5 to 7 in . across; individual petals 3 to $31 / 2 \mathrm{in}$. in diameter. Color of flower a deep rich yellow, softly spotted and blotched with bright red.
Some plants will occasionally give a scarlet or scarlet-striped flower, which we consider an improvement rather than a defect. $100, \$ 4.00 ; 1000, \$ 35.00$.
King Humbert 4 feet. Scarlet flowers, bronze leaves. greatest Canna has been the sensation orchid-flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free-blooming character of the other, and the handsome broad, tropical foliage.
$100, \$ 4.00 ; 1000, \$ 32.50$.
Hungaria $31 / 2$ feet. The Best Pink Canna. Very compact, almost dwari, burns. Trusses of enormous size, borne well above the foliage. Flowers very large, with very large petals. Color, purest La France pink, with satin sheen. $100, \$ 9.00 ; 1000, \$ 60.00$.

Ambassador. $31 / 2$ to 4 ft . Bronze foliage; color poppy-red; very brilliznt. Flowers are borne in immense trusses on strong stalks well above the foliage; the petals measuring 2 to $21 / 2$ inches across. Plant is very vigorous.
$6 \quad 00 \quad 47 \quad 50$
Apricot. 4 ft . The color is $q$ buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot.
$400 \quad 3250$

City of Portland. $31 / 2 \mathrm{ft}$. Distinct among the several really worth while pink Cannas. A deep pink which does not fade during the hot weather; a free bloomer with flowers borne well above the foliage
$900 \quad 6000$

David Harum. $31 / 2 \mathrm{ft}$. Dark bronze foliage. Strong grower and one of the freest blooming Cannas we have ever seen....
Fiery Cross. 4 ft ., green foliage, vivid scarlet shading to crimson............................................................... Introduced by us in 1892, it still remains indispensable in its class.
$300 \quad 2700$
Frederick Benary. Currant red with an orange throat and yellow border.
$375 \quad 2750$



## THE PRESIDENT

Gladiator. $41 / 2 \mathrm{ft}$. Color is a bright yellow spotted with $100 \quad 1000$ crimson, a robust grower ....................................... . $\$ 300$ \$25 00
Gold Bird. 4 ft., green foliage; canary yellow. . . . . . . . . . . . . $400 \quad 3250$
King Midas. 5 ft . A rich deep gamboge yellow, unadulterated, and remarkably permanent. Extra free bloom, just nicely clearing the leaves in bulky, self-cleaning trusses. A good deep yellow variety
$600 \quad 5000$
Indiana. 6 ft . Orchid-flowered variety, with rich golden orange flowers often seven inches across
$300 \quad 2500$
Long Branch. Green foliage; scarlet with a yellow border...
$300 \quad 2500$
Louisiana. 6 ft . Verylarge, beautiful vivid scarlet orchid-like flowers, often measuring 5 to 6 in . across. Foliage a glossy green.
$300 \quad 2500$
Meteor: $41 / 2 \mathrm{ft}$., green foliage; deep crimson.
$325 \quad 2750$
Mrs. Alfred L. Conard. 4 ft . Exquisite salmon-pink flowers of the largest size, produced in fine erect spike well above the green foliage

6000
Mrs. Kate Gray. 6 ft ., green foliage; scarlet and yellow.
Nokomis. 5 feet. Bronze foliage. Large vivid crimson flowers with a rich silky sheen on the large petals.
Queen Charlotte. 4 ft . Rich orange-scarlet with a broad gilt edge.
Rosea Gigantea. 3 to 4 ft . A magnificent showy Canna of a rose or carmine-pink shade; flower heads of immense size
Shenandoah. 4 ft . Bronze foliage. Flowers salmon-pink, borne in large clusters.

300
2500
Souv. De A. Crozy. 4 ft. Crimson with yellow border......
Statue of Liberty. 6 to 7 ft . Flowers blazing flame-red. The foliage is of a rich, luxuriant bronzy shade. The leaves are very large
Venus. $31 / 2 \mathrm{ft}$. Rosy pink, mottled creamy yellow border.
Wintzer's Colossal. 5 ft . Green foliage. A striking vivid scarlet that retains its brilliancy. One of the largest flowering of all, producing immense trusses.
Wyoming. Bronze foliage. Flowers a beautiful shade of orange. .

400
3250
300
2500

## Ferns

## VAUGHAN'S BOSTON

We grow our Bostons bushy and well furnished from the pot up. They are potgrown and are worth double the long-drawn. bench-lifted stock. Our customers are "repeaters" on these.

| 21/4 inch | \$ 700 |
| :---: | :---: |
| 4 -inch | 3000 |
| 5 -inch. | 5000 |
| 6 -inch | 7500 |

## Hardy Perennial Plants

## All Perennials Are Furnished in Strong Pot Plants or Divided Field Clumps. Not less than 25 sold at the hundred rates.


 double, pure white, of medium size, excellent for cutting. Each plant produces from 30 ot 50 flowers. Perfectly hardy without any protection
COREOPSIS Lanceolata, deep yellow, 2 ft .
DAISY Shasta, pure white, 12 to 18 in
Hartje and Elder Daisy. Absolutely hardy and winter-proof. Blooms for Decoration Day and later. Flowers $3-31 / 2 \mathrm{in}$. across. There are two varieties, Early and Late. The late one blooms about two weeks later than the early one. This Daisy will not come true from seed

DELPHINIUM Belladonna Improved. Loose spikes of sky-blue
Bellamosum. This is a dark blue Belladonna
Blackmore and Langdon... blue in branching dwarf spikes. Very Wraceful for cutting fid
DIANTHUS Allwoodii. (Hardy Pinks.) Flower from early spring until late in the autumn; the flowers are larger and are borne on ong stems suitable for cutting; deliciously clove-scented.
Jean. Pure white, a deep violet-crimson center
Mary. Pale rose-pink with light maroon center
Robert. Old rose with light maroon center
Caesius (Cliff Pink). Delicate rose color, fragrant
Plumarius, Abbottsford
Vaughan's Special Mixture
Barbatus - See Sweet William.
DIELYTRA or DICENTRA SPECTABILIS. (Bleeding Heart)
ECHINACEA Purpurea. 4 ft ., a very handsome border plant bearing
large heads of rosy purple flowers and dark central disc
ECHNIOPS. 3 ft ., metallic blue flower heads
SUPATORRUMA Ageratoides. Pure white, does well in shade
Purpurea. Pink flower, purple stalked.
EUPHORBIA Epithymoides (polychroma)
FUNKIA Lanceolata
Variegata. Variegated foliage; blue flowers
GAILLARDIA Grandifiora, yellow
Semi-Plena. Double row petals. Yellow with red center
GEUM Mrs. G. Bradshaw

PHYSOSTEGLA Vivid. The individual flowers are large vivid pink, las a long time when cut, 20 -in. July-October.
OLEMONIUM (Jacob's Ladder)-Reptans. 8 to 10 in. April-June.
Dwarf bushy plant of graceful growth. Showy blue flowers. Rock garden and fine border plant

100
garden and fine border plant. ...................................................................................... 10.
Reingold. Orange and yellow.................................................... flower. Golden yellow.
Golden Glow. Yellow
Laciniata. Fl. P
SALVIA Pitcheri.
SEDUM Acre. Bright yellow
SPIRAEA Filipendula.
STATICE Latifolia. Deep lavender-blue
SWEET WILLIAM. Vaughan's Special Mixture
TARRAGON Artemisia Dracunculus
THALICTRUM Adiantifolium. (Meadow Rue.)
Flavum. Yellow variety
Glaucum. Bronze-yellow flowers
TRITOMA Uvaria Pfitzeri TROLLIUS Europaeus Ladebouri. Large orange-yellow fowers
VALERIANA Officinalis.
VERONICA Spicata
Alba. Pure White.
 bright blue flowers
YUCCA Filamentosa. Ådam's Needle, 2-year 3-year.

## HARDY PHLOX

Baron von Dedem. Brilliant orange-scarlet with immense trusses and individual flowers.
Bridesmaid, Pure white with large crimson-carmine eye
Eclaireur. Brilliant magenta with large lighter halo
Elizabeth Campbell. Bright salmon-pink
Europe. White, distinct carmine eye, large flower
Ferdinand Cortez. Deep rose-pink, shaded salmon towards center.
Enchantress. An improved E. Campbell
Jules Sandeau. Dwarf; large-flowering; pure pink
La Vague. Pure mauve with aniline red eye.
Louis Abbema. Pure white.
Miss Lassburg. Extra fine pure white.
Miss Lingard. (Suffruticosa.) Pure white; the earliest
Mrs. Milly Von Hoboken (new). Pure soft pink without eye, large flower on long erect stems.
Prof. Virchow. Bright carmine overlaid with bright ........................ 1500
Rheinlander. Salmon-pink, claret-red eye. Of unusual size..........
Riverton Jewel. A lovely mauve-rose illuminated by a brilliant carminered eye.
Rhynstrom. Beautiful rosy pink color not unlike that of Paul
R. Peyron rose. A good strong grower clate.........................

Siebold. Orange-scarlet with crimson center.
Thor. Deep salmon-pink
Von Hochberg. Brilliant amaranth purpie
Wanadis. Lilac with violet-red eye

## Dwarf and Alpine Phlox

Divaricata Canadensis. Large fragrant lavender flowers on stems 10 inches high
Subulata Alba. A compact mass of foliage. Dainty white fowers in May and June... Ro...........

## Hardy Vines

HELIANTHEMUM Mutabile
HELIANTHUS Multiforus Pienus, double yellow
HEMEROCALLIS (Day Lily)
Aureole. Orange shades with crimson
Citrina. Citron yellow
Kwanso
Kwanso fl. pl. Double orange
Sovereign. Chrome yellow. 3 ft . June-July
HibISCUS. Mallow Marvels. White, Pink, Red and Mixed
HOLLYHOCK Double White, Pink, Yellow, Maroon and Red
Single White, Pink, Yellow, Maroon and Red
New Allegheny. Semi-double flowers with fringed edges.............
HYPERICUM Moserianum (St. John's Wort). 3 ft . New shrublike plant, golden yeilow flowers
LIARRIS Spicata
LYCHNIS. Chalcedonica. Scarlet
LYTHRUM Rose Queen. A remarkable free blooming variety. Long MER SENESIA Virginia. Blue Bells. Flowers blue, funnel-formed, in nodding clusters. $11 / 2 \mathrm{ft}$. May and June
MONARDA Didyma. Terminal heads of rich scarlet flowers emitting a very pleasant fragrance
Fistulosa. Flowers crimson or rosy red.
OENOTHERA Youngii. Yellow. 1-3ft ................................... PACHY SANDRA Terminalis. A low evergreen, broad leaved
cover. Thrives in the shade where grass cannot be grown
PAPAVER Thaudicaule. Yellow
PENTSTEMON Barbatus Torreyi. (Chelone Barbata.) Coral red.
July-August.
Coral Coccineus, scarlet
PHYSALIS Francheti. Bright orange-scarlet lantern-like fruit which, when cut, will last a winter

AMPELOPSIS Engelmanii, 2-year


Heterophylla. 3-year
Heterophylla. 3-year..............
Veitchii. (Boston Ivy.) 2-year, No 1. $1000, \$ 175.00$

Poyear.
Pot-grown

ARISTOLOCHIA Sipho. (Dutchman's Pipe) Pot

## CELASTRUS Articulatus. i-year

Scandens. 2-year
LEMATIS-Small-Flowering, Paniculata, 2-year
3-year.
2-inch, pot-grown
$1,000, \$ 40.00$
CLEMATIS-Large Flowering
Henryi. Finest large single white, 2-year
Jackmanii. The popular dark, rich royal purple.... . 75
Mad. Ed. Andre. Large deep wine-red.
EUONYMUS
Radicans Carrieri. 4-year, specimens, i \& B
Radicans Vegetus. ${ }^{3-y e a r}$
4 -year, specimens, B \& B
4-year, specimens, B \& B
6 -year, specimen, balled and builap
LONICERA-Honeysuckle. Heckrotti, 2-year
Japonica Aurea Reticulata. 2-year
Japonica Halliana. (Hall's Japanese.) 2 -year
WISTERIA Magnifica. 2-year
ISTERIA Magnifica. 2-year.

$\$$10
$\mathbf{2} .50$
3.00
50.00
50.00
20.00
20.00

### 15.00


5.00

-     - 


# Vaughan's Forcing Roses Grown Special to Force 

## 2-Year Dormant Plants

THE Best Grade Field Grown Roses. Each variety grown by a specialist using the correct method to produce the highest quality. We have listed only the varieties considered best, but we control large stocks of all the popular varieties and will be glad to quote you on your requirements. Eastern grown stock unless otherwise specified.

## Prices are for lots of 100 or more of one variety or mixed.

## Polyantha Roses

Chatillon. Silvery Crimson shading to a flushed white in the center. Large sprays of semi-double flowers which average $13 / 4$ inches in diameter. 40 C Crimson Baby Rambler. An old favorite and still good. The crimson flowers are borne in clusters of 30 or 40 in a background of dark, glossy 35 c
foliage. Each. . . . . . . . . . . . . . . . . . . . foliage. Each.
Ellen Poulsen. A new and very choice dark brilliant pink. New, but reliable and a 40 C winner. Each.
Erna Teschendorf. One of the best red polyanthas. Brilliant rosey-crimson with flowers and 35 c
clusters of good size. Each..................
Ideal. The flowers are clear brilliant scarlet with the trusses beautifully arranged. The plant the trusses beautifully arranged. The plant
is shapely with the glossy leaves closely red. 40 C Each
Orleans. The flowers are a beautiful combination of brilliant geranium-red, suffused rose, and deep are loosely and beautifully arranged and of 35c wonderful keeping quality. Each............
Red Orleans. Deep rose-red with just a fleck of 35 C
white at the center. Each................ white at the center. Each.
White Baby. Pure white, perfectly double and 35 C
very free. The best white to force. Each...

## Hybrid Teas for Forcing

Briarcliff. A sport of Columbia, retaining all of its good points and none of the bad. A richer color, a longer bud, and a stronger grower. Its greatest advantage over Columbia is the fact that 45 C
every bud is perfect. Each................
Columbia. The old standard true glowing pink. 40c Grus an Teplitz. A very free-fowering, velvety crimson red rose of intense depth and richness. With its reddish green stems and foliage it is 45 C

Madame Butterfly. A symphony of bright pink, apricot and gold with the buds a rich Indian red,
yellow at the base. An easy and reliable yellow at the base. An easy and reliable 40C
variety to force. Each. . ................... Souv de Claudus Pernet. The strongest and best yellow rose ever introduced. The bud is long elongated petals. The color does not fade 45 c White Killarney. The best white Hybrid tea 40 C to force

## Climbing Roses

Climbing American Beauty. Deep rosey crimson flowers produced freely. A strong, vigorous 35c
grower and a great favorite. Each......... Dorothy Perkins. Beautiful shell pink. Unquestionably the thriftiest and most practical of 35 C
the older pink climbers. Each............. the older pink climbers. Each
Dr. Van Fleet. The buds are a delicate flesh white which open into large shapely flowers. A strong grower with flowers as large as the Tea Roses. 35c Eugene Jacquet. A new fragrant climber with cherry-red flowers born profusely in large well 35 C
shaped clusters. Each...................... Excelsa. One of the stro radiant deep crimsongest growing climbers. A Perkins. Each.
Flower of Fairfield. A more lasting and more brilliant Crimson Rambler. Its blooming season is considerably extended and it is much darker 35 C
in color. Each................................

## Hybrid Perpetuals

Los Angeles. A flame pink toning through coral to translucent gold at the base of the petals. 40C
One of the finest. Each....................
Templar. A ciear unblemished red that does 45 C Wm. F. Dreer. That soft silvery, shell pink color with a golden illusion often found in water lilies and orchids. It forces easily and is reliable. 40 C


## Hybrid Perpetuals

2-year field grown; ready after November 1st. Frau Karl Druschke. Pure white............. $\$ 0.35$ Gen. Jacquieminot. Bright crimson.
Gen. Jacquieminot. Brig
Geo. Arends. Clear pink..............
Magna Charta. Deep pink.
Magna Charta. Deep pink. .i.k.
Paul Neyron. Deep rose.
Ulrich Brunner. Cherry-crimson.

## No. 1 and No. 2 Grade Roses

We also have a No. 1 and No. 2 grade of dormant two-year-old plants for those who can use lighter stock. These are fine plants but not equal to our forcing grade and are not recommended for such use. Send us your list and we will quote you the best possible quality price.

## Ornamental and Flowering Shrubs

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first-class retail trade. They should not be compared to stock that is never moved from the cutting or seedling beds until sold. Our Nursery is located at Western Springs, 15 miles west of Chicago on the C. B. 8 Q. R. R, two blocks south of 47th Street, on the continuation of East Boulevard.
Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the lass of stock we send them
Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant-roses, fruits trees and
vines, at cost. Always give full and explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk reEarding their own State Nursery Inspection Regulations. Certificate furnished with each shipment.
Where personal selection of stock is $\mathbf{m}$ =de at our Nursery we charge according to its value.

Specimens. This term is applied to plants that are perfect in height and
diameter as well as shape, and are recommended for immediate effect.
1

CORNUS-Contined
Sibirica (Siberian Dogwoodj. 3 to 4 ft. ................ . . $\$ 0.30$ 2
Sto 3
ft.
Stolonifera. 3 to 4 ft
Stolonifera Flaviramea. " 2 to 3 f
COTONEAS
3 to 4 ft .
Divaricata, 2 to $3 \mathrm{ft}, \dot{\mathrm{B}} \dot{\mathrm{L}} \mathrm{B}$
Francheti. 18 to 24 in., B 8 B
B B ................................ 1.00
orizontalis. 4 -in. pots, 9 to 12 in . spread.
15 to 18 in. B \& B.
Microphylla. 4 -in. pots, 8 to 10 in. ..................................... 1.00
Simonsi. 15 to 18 in., B \& B............................... .75
15 to 18 in.
CRAB, See Malus.
CRATAEGUS Carrierii. 2 to 3 ft. . . . . . . . . . . . . . . . . . . . . . . 60

Oxyacantha Splendens. (Paul's Dbl. Scarlet Haw-
thorn.) 4 to 5 ft .
CYDONIA Japonica. 2 to $3 \hat{i t}$.
DAPHNE Cneorum. 8 to 10 in.
1.50

DEUTZIA Pride of Rochester. 3 to 4 .f. ................... 1.00
30.00

8

4 to 5 ft . Rochester. $404 \mathrm{ft...}$.
4 to $5 \mathrm{ft} . .$.
20.00
25.00

CORNUS Elegantissima. 2 to $3 \mathrm{ft} . . . . . . .$.
3 to 4 ft .

ORNAMENTAL SHRUBS, Etc.-Contd'd Europaea. 4 to 5
FORSYTHIA Fortunei. 2 to 3 ft .
Intermedia. 2 to 3 ft
Intermedia Spectabilis. 2 to 3 ft
HAMAMELIAS Virginica (Witch Hazel) 2 to 3 ft .). HYDRANGEA Arborescens Grandifiora.

Paniculata Grandifiora. 2 -year
KERRIA Japonica 2 to 3 ft .
KOLKWITZIA Amabilis. 18 to 24 in., bushy
LIGUSTRUM Amurense (Amoor Privet, North) 2 to 3 ft ., bushy
Ibota. 2 to 3 ft ., extra bushy
Ibolium. 2 to 3 ft
Lodense. 2-year., 12 to 15 in
Vulgaris. 2 to 3 ft .
LILAC SICERA (Bush Hon
Bella Albida. 3 to 4 ft .

Morrowii. (Upright Type.) 3 to 4 ft .
4 to 5 ft . (Upright Type.)
5 to 6 ft . (Upright Type.)
Ruprechtiana. 3 to 4 ft., bushy
Tatarica Alba. 3 to 4 ft
Tatarica Rose..... 2 to 3 ft 3 to 4 ft
4 to 5 ft
Tatarica Rubra. 3 to 4 ft
MAHONIA, Aquifolium (Oregon Hollygrape). 4-in. pots 12 to 18 in . $\mathrm{B} \& \mathrm{~B}$
MALUS Atrosanguinea. 3 to 4 ft .
Baccata. 3 to 44 ft .
5 to 6 ft
Coronaria. 3 to 4 ft .
Floribunda. 3 to 4 ft
Floribunda Purpurea. 4 to 5 ft
Ioensis Bechteli (Bechtel's Dbl. Flowering Crab)
3 to 4 ft
4 to 5 ft .
5 ft. specimens
Niedzwetzkyana. 3 to 4 ft
4to
Sargenti. 3 to 4 ft .
Spectabilis. 3 to 4 ft .
MORUS Tatarica (Russian Mulberry). 3 to 4 ft
PHILADELPHUS Ávalanche. (Syringa.) 2 to 3 ft
Banniere
Bouquet Blanc. 2 to 3 ft
Coronariu
Coronarius. 3 to 4 ft .
4 to 5 ft
5 to 6 ft
Coronarius Aureus. Golden. 18 to 24 in
Dame Blanche. 2 to 3 ft
Glacier. 2 to 3 ft...
Girandole. 2 to 3 ft. 5 to 6 ft .
Lemoinei Erectus. 2 to 3 ft
Manteau d'Hermine. 18 to 24 in.
Mont Blanc. 2 to 3 ft .
Nivalis. 3 to 4 ft . 4 to 5 ft .
5 to 6 ft
Norma. 2 to 3 ft .
Pyramidial. 2 to 3 ft
3 to 4 ft. specimens.
HYSOCARPUS Opulifolius (Common Ninebark)
Opulifolius Aureus (Goldenleal Ninebark). 3 to 4 ft. PRUNUS Pissardi (Purple-leaved Plum). ${ }^{4}$ to 4 ft .

Triloba, 3 to 4 ft . (Tree form.).
3 to 4 ft . specimens (Tree form)
3 to 4 ft . specimens (Tree form).
4 to 5 ft . specimens (Tree form)
Virginiana Common Choke-chery). 4 to 5 ft.......... 15 to 18 in. $\mathrm{B} \& \mathrm{~B}$.
RHAMNUS Cathartica (Buck Thorn). 3 to 4 ft
4 to 5 ft
Frangula 3 to 4 ft .
RHODOTYPOS Kerrioides. 2 to 3 ft
RHUS ${ }^{3}$ to 4 ft ..... 3 to 4 ft
Typhina Laciniata (Cut-leaved). 3 to 4 ft
4 to 5 ft
 1000, $\$ 150.00$

$1000, \$ 150.00$ $\begin{array}{lr}1000, & 175.00 \\ 1000, & 220.00\end{array}$ .30
.40
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&
\end{array}
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ORNAMENTAL SHRUBS, Etc.-Cont"d
ROSA Hugonis. 2-year
Setigera. 3-year.
4 -year
Rugosa Covin Tree. 2-year
Rugosa
3-year
F. $\mathbf{J}$. Grootendorst. 2 -year

Rugosa Hansa.............
Rugosa Pink Grootendorf. Z-year
Rugosa Rubra. 2-year
RALIX (Willow) Thos. Lipton.
SALIX (Willow) Babylonica. 5 to 6 ft . bush
Britzensis. 5 to 6 ft .
Discolor (Pussy Willow). 3 to 4 ft . bush 4 to 5 fc . bush.
Laurifolia. 4 to 5 ft. bush
SAMBUCUS Canadensis. 4 to 5 ft .
Nigra.
Nigra Aur
Pubens. 4 to 5 ft
Racemosa. 4 to 5 ft
SORBARIA Sorbifolia (Ural False Spiraea) $\mathbf{3}$ to 4 ft .
SPIRAEA Anthony Waterer, 12 to 18 in.
18 to 24 in., extra bushy
Arguta Multiflora. 3 to 4 ft .
18 to 24 ft .
Billardii. 3 to 4 ft .
Froebeli. 18 to 24 in.
Japonica Ovalifolia (White Japanese S. $1000, \$ 180.00$

Prunifolia fl, pl. 3 to 4 f
Thunbergii. 18 to 24 in.
2 to 3 ft , bushy
Van Houttei (Bri
(Bridal Wreath). 2 to 3 ft., bushy
4 to 5 specimens.............. 2 to 3 ft .
SYMPHORICARPOS (Snowberry). Mollis. 3 to 4 ft
Racemosus. 2 to 3 ft ., bushy
3 to 4 ft ., bushy
Vulgaris (Indian Currant). 2 to 3 f
SYRINGA (lilac). Charles X. 2 to $3 \mathrm{ft} .$.
Charles Jolly. 18 to 24 in .
Japonica. 2 to 3 ft
Ludwig Spaeth. 2 to 3 ft
Mad. Lemoine. 2 to 3 ft
Marie Le Graye. 2 to 3 ft
Michael Buchner. 2 to 3 ft
Persian Purple. 2 to 3 ft .
3 to 4 ft .
President Grevy. 2 to 3 ft .
Vulgaris Purpurea. 2 to 3 ft
EW AND RARE LILACS.
Diderot, Edouard Andre, Emile Gentil, Jean Mace,
Leon Gambetta, Montaigne, Marechal, Lannes,
Pres. Fallieres, 18 to 24 in. .
Jean Mace. Marechal Lannes, 2 to 3 ft. .................... 1.50
EARLY LILACS (Syringa Giraldii)
Berryer, Buffton, Claude Bernard, Deschartes,
Louvois, Mirabeau, Pascal. 18 to 24 in.
TAMARIX Amurensis. 4 to 5 ft
Chinensis. 4 to 5 ft
Hispida Aestivalis. 4 to $5 \mathrm{ft} . .$.
Carlesi. (Fragrant V), 12 to 15 in. B 8 B
12 to 15 in-, not B. \& B
18 to 24 in., B 8 B
2 to 3 ft . specimens, B \& B
Dentatum. 2 to 3 ft
3 to 4 ft
antana. 2 to 3 ft
entago.
4 to 5 ft
Molle. 2 to 3 ft .
Opulus. 2 to 3 ft
Opulus Nanum. 8 to 10 in
Opulus Sterile. 2 to 3 ft .
WEIGELIA Abel Carriere. 2 to 3 ft
Candida. 2 to 3 ft
Eva Rathke. 2 to 3 ft
Nana Variegata. 2 to 3 ft .
Rosea. 2 to 3 ft .
to 4 ft. FOR SPECIAL QUOTATIONS ON QUANTITIES

## Ornamental and Shade Trees



## Vaughan's Evergreens

| JUNIPERUS Canadensis (Prostrate Juniper). <br> 18 to 24 in |  |
| :---: | :---: |
| Chinensis Pfitzeriana (Pfitzer Juniper). |  |
| 18 to 24 in. spread | 3.00 |
| 24 to 30 in . spread | 5.00 |
| 30 to 36 in. spread | 6.00 |
| Chinensis Procumbens. 18 to 24 in. spread...... 4.00 |  |
| Communis Suecica (Swedish Juniper). 2 | 2.00 |
| Sabina (Savin Juniper). 24 to 30 in.............. 3.50 |  |
|  | 4.00 |
|  |  |
|  |  |
|  |  |
| Sabina Prostrata Horizontalis Glauca. 18 to 24 in. |  |
| spread, .......................... : $^{4.00}$ |  |
|  |  |
|  |  |
| 31/2 ft. . . . . . . . . . | 3.50 |
|  | 4.75 |
| $41 / 2$ | 5.75 |
|  | 7.00 |
| Virginiana Giauca (Silver Red Cedar). |  |
| 3 ft | 5.50 |
|  | 6.00 |
| PICEA. (Black Hill Spruce.) i8 | 2.00 |
| $21 / 2 \mathrm{ft}$ | 3.50 |
|  | 4.50 |
| $31 / 2 \mathrm{ft}$ | 6.00 |
| Excelsa (Norway Spruce). 24 to 30 in........... ${ }^{1.50}$ |  |
|  |  |
|  |  |
|  |  |
| Pungens Glauca (Colorado Blue Spruce). $2 \mathrm{ft} . . .7 .00$ |  |
|  | 8.50 |
| 3 ft | 12.00 |
| PINUS Montana Mughus (Mugho Pine). 18 to 24 in. 4.00 |  |
| 24 to 30 in | 5.00 |
| Nigra (Austrian Pine). 24 to 30 in. . . . . . . . . . . . 3.00 |  |
| $21 / 2$ to 3 | 4.00 |
| 3 to $31 / 2 \mathrm{f}$ | 5.00 |
| 4 ft | 6.00 |
| Ponderosa (Western Yellow Pine). $21 / 2$ to 3 ft . . 2.50 |  |
| 3 to $31 / 2 \mathrm{ft}$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . | .... 3.00 |
|  |  |
|  |  |
| 3 to $31 / 2 \mathrm{ft}$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3.50 |  |
|  |  |
| 5 ft . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 6.00 |  |

RETINOSPORA Plumosa. 18 to 24 in
Each
${ }^{10} 17.50$
Tom Thumb. 18 to 24 in . TAXUS Cuspidata (Japanese Yew). 2 ft $21 / 2 \mathrm{ft}$.
Cuspidata Nana (Dwarf Japanese Yew). 12 in 18 in.
24 in.

## $2.00 \quad 17.50$

 3.505.00 5.00
3.50 3.50
4.00 4.00
6.00

THUJA Occidentalis (American Arborvitae), 18 to 24 in . 24 to 30 in . $21 / 2$ to 3 ft
3 to $31 / 2 \mathrm{ft}$.
Occ. Globosa (Am. Giobe Arborvitae). 18 to 24 in.
Occ. Hoveyi (Hovey Arborvitae). 18 to 24 in 1.50

Occ. Rosenthali (Rosenthal Arborvitae). $21 / 2 \mathrm{ft}$.
Occ.Pyramidalis (Am. Pyramidal Ärborvitae).

 2.00
3.25
4.25
3.00
3.75

### 17.50

30.00
40.00

## Fruit Trees

Since we grow these Fruit Trees mainly for our retail trade the quality is vastly superior to the stock ordinarily offered by Nurserymen, hence prices should not be compared to ordinary fruit tree stock. Our trees are just what thebetter class of retail customers require.
We offer the following selected varieties:

## APPLES

|  | Each | 10 |
| :---: | :---: | :---: |
| 4 to 5 ft | \$0.75 | \$ 5.00 |
| 5 to 6 ft | . 90 | 7.50 |
| 6 to 7 ft | 1.25 | 10.00 |
| 7 to 8 ft | 1.50 | 12.50 |
| 8 to 10 ft ., specimens; 2 to $21 / 2 \mathrm{in}$. calip | 2.50 | 22.50 |
| 10 to $12 \mathrm{ft} ., 21 / 2$ to 3 in . caliper. | 3.00 | . . . . |

Autumn Strawberry, 4 to 5 ft ., 5 to 6 ft ., 6 to 7 ft .
Baldwin. 4 to $5 \mathrm{ft}, 5$ to $6 \mathrm{ft}, 6$ to
Banana. 4 to $5 \mathrm{ft}, 5$ to 6 ft
Ben Davis. 4 to 5 ft ., 5 to 6 ft ., 6 to $7 \mathrm{ft}, 7$ to 8 ft
Delicious. 4 to 5 ft ., 5 to 6 ft
Duchess of Oldenburg. 4 to 5 ft .,
5 to 6 ft ., 6 to 7 ft ., 7 to 8 ft ., 8
5 to 6 ft
to 10 ft.
Grimes' Golden. 4 to $5 \mathrm{ft}, 5$ to 6 ft ., 6 to 7 ft ., 7 to 8 ft .
Jonathan. 4 to 5 ft ., 5 to $6 \mathrm{ft} ., 6$ to 7 ft.
Maiden's Blush. 4 to 5 ft
McIntosh Red. 4 to 5 ft .
Northern Spy. 4 to $5 \mathrm{ft} ., 5$ to 6 ft . Northwestern Greening. 4 to 5 ft ., 5 to 6 ft ., 6 to 7 ft ., 7 to 8 ft .
Red Astrachan. 4 to 5 ft ., 5 to 6 ft ., Rome Beauty. 4 to $5 \mathrm{ft}, 5$ to 6 ft . Snow (Fameuse). 4 to $5 \mathrm{ft} ., 5$ to 6 ft Stayman's Winesap. 4 to $5 \mathrm{ft} ., 5$ to Tolman Sweet. 6 to $7 \mathrm{ft}, 7$ to 8 ft . Wagener. 4 to $5 . \mathrm{ft} ., 5$ to 6 ft .6 to 7 ft . Wealthy. 4 to 5 ft ., 5 to $6 \mathrm{ft} ., 6$ to Winesap. 4 to 5 ft ., 5 to 6 ft ., 6 to Yellow Transparent. 4 to 5 ft .

## CRAB APPLES

Prices same as apples.
Transcendant. 5 to 6 ft ., 8 to 10 ft . Hyslop. 5 to 6 ft ., 6 to $7 \mathrm{ft} ., 7$ to 8 ft . Whitney 10 tt
Whitney. 4 to $5 \mathrm{ft}, 5$ to $6 \mathrm{ft}, 7$ to 8 ft ., 8 to 10 ft .

## CHERRIES

|  |  |  |
| :---: | :---: | :---: |
| Early Richmond. 4 to 5 ft ., 2-yr., 11-16 in. and up. . $\$ 0.75$ | $\${ }_{\$ 6.00}^{10}$ | $\begin{aligned} & 100 \\ & \$ 50.00 \end{aligned}$ |
| 5 to 6 ft ., 1 in. calipers. . . . . . . . . . . . . . . . . . . . . . . 1.25 | 11.00 |  |
| 5 to 6 ft ., $11 / 4$ to $11 / 2 \mathrm{in}$. caliper. ${ }^{\text {a }}$. ${ }^{\text {c. . . . . . . . . . . } 1.50}$ |  |  |
| Montmorency. 4 to 5 ft , 2 -yr., 11-16 in. and up.... .75 | 6.00 | 50.00 |
| W. 5 to $6 \mathrm{ft.}$,1 in. caliper. . . . . . . . . . . . . . . . . . . . . . . 1.25 | 11.00 |  |
| Windsor. 4 to 5 ft ., 11-16 in. . . . . . . . . . . . . . . . . . . . . 1.00 | 8.00 |  |
| Zumbra. 4 to $5 \mathrm{ft} . . .$. . . . . . . . . . . . . . . . . . . . . . . . . . 1.00 | 7.50 |  |
| PEARS |  |  |
|  | Each | 10 |
| 4 to 6 ft | \$1.00 | \$ 7.50 |
| 6 to 7 ft | 1.50 | 12.50 |
| 7 to 8 ft | 2.25 | 20.00 |
| 8 to 10 ft . 2 to $21 / 2 \mathrm{in}$. caliper, specimens | 3.00 | 27.50 |
| 10 to $12 \mathrm{ft} ; 21 / 2-3 \mathrm{in}$. caliper, specimens. | 4.00 |  |

Anjou. 4 to $6 \mathrm{ft} ., 6$ to 7 ft
Bartlett. 4 to 6 ft .
Clapp's Favorite. 6 to $7 \mathrm{ft.}$,7 to 8 $\mathrm{ft} ., 8$ to 10 ft .
Duchess. 6 to $7 \mathrm{ft}, 7$ to 8 ft .
Flemish Beauty. 4 to $6 \mathrm{ft}, 6$ to 7 ft . 7 to 8 ft ., 8 to 10 ft . Kieffer. 4 to 6 ft . Koonce. 8 to 10
Seckle. 4 to

10 to 12 ft
PLUMS

## 4 to 5 ft ., $11-16$ in. caliper. <br> 5 to 6 ft ., 1 in . caliper....... 6 to 7 ft ., $11 / 4$ to $11 / 2$ in. caliper <br> 6 to 7 ft , $11 / 4$ to $1 \frac{1}{2}$ in. caliper 8 to 10 ft ., 2 to $21 / 2 \mathrm{in}$. caliper.

Abundance. 4 to $5 \mathrm{ft}, 5$ to $6 \mathrm{ft}, 6$ to $7 \mathrm{ft}^{\circ}, 7$ to 8 ft .
Burbank. 4 to 5 ft 5 to 6 ft .
Loring Prize, 4 to 5 ft ., 5 to $6 \mathrm{ft} ., 6$ to 7 ft
Moniter. 4 to $5 \mathrm{ft}_{\mathrm{c}}, 5$ to 6 ft .
Opata. 4 to $5 \mathrm{ft}, 5$ to $6 \mathrm{ft}, 6$ to $7 \mathrm{ft}, 7$ to 8 ft
Sapa. 4 to $5 \mathrm{ft} ., 5$ to 6 ft
Shropshire Damson. 4 to $5 \mathrm{ft} ., 8$ to 10 ft
Underwood. 4 to 5 ft ., 5 to 6 ft , 6 to 7 ft .
Waneta. 4 to 5 ft ., 5 to 6 ft ., 6 to 7 ft ., 8 to 10 ft

## QUINCE

Orange. $4 \mathrm{ft} .5-8 \mathrm{in}$. and up.
RHUBARD. Vaughan's Mammoth
1-year Selected stock.
$\$ 4.00$
7.50


## 



THE BASKETS we illustrate on this page are mostly staple and well-known styles which have proven satisfactory when used for Cut Flowers and Plants. We can fill orders promptly and satisfactorily. Give us a trial order. Let us send you a $\$ 10.00$ assortment.

We can make up an assortment of 35 small baskets in assorted sizes, shapes and colors, suitable for straw flowers, also holiday trade. These baskets will make up well with Boxwood, Ruscus Statice and other prepared decorative material. Most of these are lined. Price, $\$ 12.00$ per assortment.


These prices call for a two-tone or enamel finish. Metal liners included. Where liners are not desired, deduct $10 \%$ from price. Prices subject to change without notice. Packing cases at cost.

# Florists' Wire Designs 

Many other and odd designs can be made and supplied on short notice, but they are made entirely Large Discount if you order big. Send us your list for estimate. We meet all honest competition on these goods, quality considered.

DISCOUNT FOR PAYMENT IN TEN DAYS' ORDERS<br>From $\$ 10.00$ to $\$ 20.00 \ldots . . .10 \%$ 20.00 to $50.00 \ldots . . .20 \%$<br>100.00 and over $25 \%$

COMPARE THESE PRICES, they are MUCH LOWER than many SO-CALLED NET prices. F.O.B. NEW YORK OR CHICAGO



ANCHOR and CROSS 45
50
60
70
$i 90$
$i 25$

.40
.50
.75
$i 00$
ANCHOR ON EASEL $\begin{array}{cccc}45 & 24 \ldots \ldots & 1 & 00 \\ 50 & 27 \ldots \ldots & 1 & 25 \\ 55 & 30 \ldots \ldots & 150 \\ 65 & 36 \ldots \ldots & 1 & 75\end{array}$
HANGING BASKETS
 10.
12.
14. Hanging Baskets, Fancy Top


BELLS-Single Frame | $8 . .$. each 25 | $15 \ldots$. each 60 |
| ---: | :--- |
| 10 | 18 |

Bells. Double Frame





ANCHOR ON BASE

## Masonic Square and Compass



## ODDFELLOWS' DESIGN



Stars on Round Base

TRIANGLES. Flat

|  | 18 | 18........ 35 |
| :---: | :---: | :---: |
|  | 20 |  |
| 14 | 25 | $24 . . . . . . . .65$ |
|  |  |  |
| On Reclining Stand |  |  |
| 10. | 30 | 16........ 50 |
|  |  |  |
|  |  |  |
| WOODMAN DESIGN |  |  |
|  | 150 | 30...... 250 |
|  | 175 | $36 \ldots . . .{ }^{3} 50$ |
| Woodman Design on Easel |  |  |
|  | 25 | $\begin{array}{r} 24 \\ 30 \ldots \ldots . . \\ 2 \end{array} \frac{1}{50} 00$ |
| WREATHS-Flat |  |  |
|  |  | 22........ 24 |
|  |  | 24......... 28 |
|  |  | 27........ ${ }^{45}$ |
|  |  |  |
|  | 20 | 36....... 125 |
| On Reclining Stand |  |  |
|  | ... 20 |  |
| $\begin{aligned} & 12 . \\ & 14 . \end{aligned}$ |  |  |
|  |  |  |
|  |  |  |



PACKING CHARGES AT COST.

## Vaughan's Greenhouse and Florists' Supplies

Prices quoted in this Catalog are subject to change without notice, owing to the unsteady condition of the market. This applies particularly to Fertilizers, Wire, Tinfoil, etc. For parcel post rates see order sheet.

## FLORAL DESIGN BOXES. (Gray.)

APRONS RUBBER. These are especially made for us of the best quality sheeting and are $1 \frac{1}{4}$ yds. long. Each, $\$ 2.35$; 3 for \$6.75. Postage, 25 e each, extra.
CAPE FLOWERS.
Pure White. Extra fine quality
Lb.
Colored. Bright shades.
\$1.35
CARNATION BANDS, Rubber. Tiny rubber bands, almost invisi-
ble. They are put on the buds just before the flowers open or after the calyx bursts. Per lb. box of about $13,000, \$ 3.00$ postpaid. CARNATION STAPLE, Pillsbury's. A clever little device for mending Carnation flowers with burst calyx. The staple is practically invisible, being made of very fine hair wire. Price, 1,000 staples, 35 c .

## CUT-FLOWER BOXES

All sizes packed 100 covers per bundle and 100 bottoms per bundle. F. O. B.

Chicago only $=$,
Printing $\$ 3.75$
extra. In gold
$\$ 7.50$ extra for
each order of
100 to 1,000 boxes assorsed
sizes. We carry
a complete
stock and can ussally fill orders promptly. When ordering printed boxes allow ten to twelve days extra for delivery.
Prices subject to change without notice owing to market conditions. VAUGHAN'S 'GREEN"' GRADE.
Fine, green-lined, moisture-proof board. Very popular.

|  | Weight | Per |  | Weight | Per |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Size in inches | Per 100 | 100 | Sire in inches | Per 100 | 100 |
| $3 \times 18 \times 5$ | 35 lbs . | 34.20 | 4x24x 8 | 70 lbs. | \$ 7.50 |
| 3 x $21 \times 5$ | 40 lbs. | 4.60 | 5x28x 8 | 90 lbs. | 9.00 |
| $31 / 2 \times 24 \times 5$ | 50 lbs . | 5.50 | $5 \times 36 \times 8$ | 125 lbs . | 11.25 |
| $31 / 2 \times 30 \times 5$ | 65 lbs . | 6.50 | $6 \times 40 \times 10$ | 165 lbs. | 16.00 |

LETTERS AND FIGURES
IMMORTELLE LETTERING. Purple. Per 4-yard pkg. 95c; 6 pkgs. $\$ 5.00$.
IMMORTELLE LETTERS AND FIGURES. $11 / 2$ or 2 inches in length, 5 c each; $100, \$ 4.50$. BOSTON FLORISTS'. Patent fasteners with each letter, $11 / 2$ and 2 inches, per $100, \$ 3.50$. BOSTON SCRIPT. Neatest ever made. Can supply the following words: Asleep, Baby, Husband, Wife, Grandpa, Grandma, Father, Mother, Brother, Sister, Rest, At Rest, Our,
PAPER SCRIPT WORDS. Gold finish. The best letter ever introduced for use on ribbon and chiffon in the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten wordsin a package. Price, less than 100 words, 5 c per word; per 100 words, $\$ 3.50$.
CLOCK DIALS. Purple face with white figures, or white face with purple figures. 4 -inch., per doz., $\$ 4.50 ; 7$-inch, per doz., $\$ 5.25$.
GILT RIBBON LETTERS. Gummed. 25 letters in a package. $11 / 4$-in. per 100,75 c; per $1000, \$ 4.00$; $3 / 4$-in., per 100,60 c; per $1000, \$ 3.50$.
CHENILLE LETTERING. Silk-Purple, scarlet, pink, light blue, yellow and white, at 75 e per pkg. of 12 yds ; $\$ 7.50$ per doz. plsgs.
Worsted, Large-Purple, pink, scarlet, light and dark blue, white or yellow, 12 yards, 45 c ; per gross, $\$ 4.50$.
Worsted, Medium-12 yds., 35c; doz.,\$3.75.
Worsted, Small-Same colors, 12 yards, 30 c ; gross, $\$ 3.00$.
Twisted Chenille, Large-Any color, 12 yds, 45c; gross, \$4.50.

## WOOD EASELS

Strong, well made, finished in white enamel.
Height Per Doz. Height Per Doz.
30 -inch . . . . . . $\$ 4.00$ 48-inch. . . . . . $\$ 6.00$
36 -inch....... 4.50 54-inch....... 6.75
42 -inch....... 5.00 60-inch. ..... . 7.75


VASE. Green Earthenware Cemetery. A strong and ornamental vase, that keeps its color. Each, 35 c ; per dozen, $\$ 3.20 ; 3$ dozen for $\$ 9.00$.
Tin, Green Painted, with spike. Each, 20c; doz. \$1.80; 3 doz. for $\$ 4.50$.


## A Good Variety of Sizes in These

 Flower Vases And they are built Tin, Green right. Galvanized, hand soldered, with wire reinforcement at the top-the sides tapering so that they nest. Attractively striped in red.
## Syle Diameter

253 Top Bot.
$25343 / 4 \mathrm{in}$. $31 / 2 \mathrm{in}$. 10 in . Per Doz. $\$ 4.50$
$\begin{array}{lll}255 & 61 / 2 \text { in. } 51 / 2 \text { in. } \\ 257 & 61 / 2 \text { in. } & 51 / 4 \text { in. }\end{array}$
257 65 in. $51 / 4$ in. 15 in .
$\begin{array}{ll}57 & \text { in. } 31 / 2 \text { in. } 5 \text { in. } \\ 2.80 \\ 50\end{array}$

## HYACINTH GLASSES

Tall American, in four distinct colors. $\$ 3.20$ per dozen; 3 dozen, $\$ 9.00$.
Tye Shape. These are preferred by some to the ordinary tall. Per doz., $\$ 3.20 ; 3$ dozen for $\$ 9.00$.
 CORSAGE BOXES. Pearl Gray. $5 \times 9 \times 6,30 \mathrm{lbs} \ldots$

## DOVES, Vaughan's Flexible.

The wings of these doves are set in such a manner that by bending they can be made to assume different positions. We are in a position to fill orders promptly, as we carry an excellent stock and give greatest care in packing. Special prices for quantity on application.
Doves have been very scarce for a year. First quality. Each, \$2.25; doz., \$23.00. Extra Quality Birds.
Price, ea, $\$ 2.50 ; 6$ for $\$ 13.00$; doz., $\$ 25.00$.

## FLORISTS' SNIPS

(Especially suitable for cutting wire, etc.) Each, $\$ 1.25 ; 3$ for $\$ 3.50$.
Iañproved Dental Snips. For cutting annealed
wire, ribbons, chiffons, etc. Each, $\$ 1.25 ; 3$ for $\$ 3.50$.


## SUCTION FLOWER

## HOLDERS

Diameter Per Doz.
3 inch.
4 inch.
. $\$ 3.00$
5 inch.
5.00

## Rubber Hose, Couplers, Nozzles, Etc.

## ELECTRIC NON-KINKABLE GUARANTEED HOSE

A brand of hose, manufactured especially for greenhouse use. The inner tube is made of best quality rubber, very strong; the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack. Comes in bales of 500
 feet; order exact number of feet you require. We can cut in any length.

Guarantee-We guarantee Electric Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

Price $3 / 4$ or $1 / 2$ inch; couplings 15 c per set; sample mailed free if desired.
1 to 24 feet .per ft. 22 c
25 to 49 feet............................................................................. 21 c

## HOSE COUPLER, The "Snap."

A new and simple coupling, easy to operate; stationary washer; cannot fall out.

50 to 99 feet .per ft. 20 c 100 to 400 feet per ft. 19 In bales of 500 ft ., 18c ft.

No. 1-Screws onto hydrant or old threaded coupling; use with No. 2 in connecting hose. Each, 35c; doz., $\$ 3.50$.

No. 2-Screws into faucet or ground pipe, on which it may be left permanently, and to it the hose is attached by the lever connection, No. 1. Can also be screwed into old threaded coupling. Each, 25c; doz., \$2.40.

Common-Brass, for $1 / 2$ or $3 / 4-\mathrm{in}$. hose. Each, 20c; doz., $\$ 1.80$. 1-in., each, 28c; doz.,\$2.50.

## INSTANTANEOUS



HOSE COUPLER. Instead of screwing your hose connections together, you can now snap them on instantly. Fits nozzles, sprinklers and standard hose connections. $3 / 4$-inch. Price, 60 c ; doz., $\$ 6.50$.
HOSE MENDERS, Iron.-3/4-in. Each, 7c; doz., 70 c ; gross, $\$ 7.25$. HOSE CLAMPS, with nut and bolt. For $3 / 4$-inch hose. Each, 5c; doz., 40c; gross, $\$ 3.50$.


## HOSE NOZZLES.

"Chicago"-Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. 2 plates, each $33 / 4$ inches in diameter, about 100 very fine holes in each giving both fine and coarse effective sprays. Florists like it. Price, $\$ 3.00$.
Boston Rose Spray Nozzle-Brass. $3 / 4$-inch
hose. State whether coarse or fine spray is wanted.
Each, $\$ 1.35$; by mail, $\$ 1.45$.
Bordeaux Spray Nozzle-For spraying insecticides and whitewashing. $1 / 2$-in. hose. Each, 90 c; by mail, 95 c.
 Vermorel Spray Nozzle-For spraying insecticides and whitewashing. For $1 / 2$-inch hose. Each, 90 c ; by mail, 95 c.
"Gem" - Throwing all varia- poren tions, from fine spray to stream. Each, 85c.
HOSE STRAPS, Caldwell. For $1 / 2,3 / 4$ and 1 in. hose. Doz., 35c; gross, $\$ 3.25$.
HOSE WASHERS. $3 / 4$-inch. Doz., 5 c; gross, 50 c.
HOSE MENDER, The Cooper. It is simple,
practical and effective. It does not reduce the diameter of the hose. It will not rust or wear
dit out. It can be used as many times as desired.
You need no wires, pliers or mechanical skill to adjust them. Price: For $1 / 2$ or $3 / 4$ inch hose, each, 10 c; 4 for 35 c ; doz., 90 c. 1-inch hose, each, 12c.; doz., $\$ 1.15$.
Each....................15c; doz., \$1.10.
Budding Knife-Ivory tip, black handle. Each, $\$ 1.50$.

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment.

No. 5 A

|  | No. 5A |  | Each |
| :--- | :--- | ---: | ---: |
|  | 3 for |  |  |
| Budding, No. 5A. Black handle; brass lined....... $\$ 1.50$ | $\$ 4.25$ |  |  |
| Budding, Beech Handle. | Per doz., $\$ 4.00 \ldots . . . .$. | .40 | 1.10 |



Budding, Ivory Handle, No. No. 109
Potato Knife, Stationary blade, beech handle, right or left handed. Per doz $\$ 2.50$


Vaughan's Florist



Vaughan's Prop. No. 89030, white handle, one blade, each, $\$ 1.25$; 3 for $\$ 3.00$; doz., $\$ 10.00$.


Vaughan's Budding and Prop. No. 86281, with Brass Caps, each, $\$ 1.50$; doz, $\$ 12.50$.


White Handle, No. 83023W, silver nickel shackle for chain attach. Ea., $\$ 1.25 ; 3, \$ 3.50$

# Greenhouse and Garden Supplies 

THERMOMETERS (Can be sent by mail at a small extra charge for packing.) 8 -in., each, 35 c ; doz., $\$ 2.75$.
Tin Case. Standard grade (tested). 8in., each, $\$ 1.50$; 3 for $\$ 4.25$.
Cabinet. Wood case; metal face. Each, 75 c ; 3 for $\$ 2.00$.
Self-Registering. With magnet.
8 -in., each, \$5.50.
Minimum. For registering cold during absence and showing present temperature. Each, \$2.00.
Hotbed (Mushrooms). Brass point, wood frame. Each, $\$ 2.50$.
PLANT BED CLOTH. A substantial substitute for glass, being light, can be easily and safely shipped.
Medium. 20 yds and up, per yd., 21c; 60 yds. and up, yd., 19c. Heavy. 20 yds. and up, per yd., $30 \mathrm{c} ; 60 \mathrm{yds}$. and
 up, yd., 28 c . We do not sell less than 20 yds of a kind; comes in 40 - and $60-\mathrm{yd}$. lengths. Samples on application.
SASH, Hotbed. Unglazed, $3 \times 6 \mathrm{ft}$., for 3 rows, 10 -inch single glass, each, $\$ 2.85,3$ for $\$ 8.30$; doz., $\$ 31.80$. Glazed, single strength, each $\$ 5.75$; doz., $\$ 66.00$.
For 38 in . x 6 ft ., for 4 rows, 8 -inch single glass, unglazed, each, $\$ 3.10 ; 3$ for $\$ 9.00$; doz., $\$ 34.40$. Glazed, each, $\$ 6.00$; doz., $\$ 69.00$.
Our sash are made of clear air-dried Cypress. Unglazed sash are not painted. Glazed sash are painted one coat.
Add 95 c per sash for double-strength glass.
Above prices subject to market fluctuation.
CELLO GLASS Will take the place of glass in hotbed sash, unbreakable and very light in weight, put up in rolls 3 ft . wide up to 100 ft . long. Price per $25-\mathrm{ft}$. roll, $\$ 12.75 ; 100-\mathrm{ft}$. roll, $\$ 46.50$. SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from $1 / 8$ to $1 / 2$ inch. Each, $\$ 2.50$.


MILO WATERPROOF HOTBED
MATS. A combination of heavyweight burlap, felt and absorbent pulp, cemented together with a specially pre pared waterproof compound, absolutely impervious to rain, sleet and snow, proof against frost, repellent to rats and mice, easy to handle, wears for years. Size, $40 \times 78$ inches. Each, $\$ 2.35$; doz., $\$ 24.00$. Size, $76 \times 76$ inches, each $\$ 4.25$; doz., $\$ 43.75$.
Write us for prices in continuous lengths.
MATS. Imported Hotbed. Superior to straw mats; very durable; size $76 \times 76$ inches. Each $\$ 2.65$; 3 for $\$ 7.50$; doz. $\$ 27.00$.
SYRINGES
English Brass.
Each
No. 0. Length, $121 / 2$ in.; 15-16 in. in diam................. . $\$ 2.35$
No. D. $151 / 2$ in. long, $11 / 2$ in. in diam........................ 4.00
No. 5. Best for general greenhouse use......................... 6.50
No. 12. 14 in. long, 1 in. in diam................................ 3.75
No. 11. 18 in. long; 1 stream, 2 sprays....................... 5.50

## WHEELBARROWS

Vaughan's Greenhouse. Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in . wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might rum. The wheel is of steel, 17 inches high, with $21 / 2$
 inch tread; the axle is 15 inches wide. The barrow is 20 inches wide over all, and is made of the best material. Legs reinforced. Price, each, $\$ 9.25$.
RED STAR GARDEN BARROW. The best in design, material and workmanship. $2^{11 / 4}$-inch tire which permits easy wheeling of heavy loads. Price, \$8.00.

## Glazing Tools, Materials and Paints

ALL THE BEST MATERIALS FOR GREENHOUSE USE

mastica machine
dIAMOND GLASS CUTTER


MASTICA, For Glazing Greenhouses
The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., $\$ 2.60 ; 5$ gals., $\$ 12.50 ; 10$ gals., $\$ 24.00$.
MASTICA MACHINE-Each, $\$ 3.25$.
VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run, and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20 -gal., drums at $\$ 1.00$ a gal.; 10 and 5 -gal., drums at $\$ 1.25$ a gal.; one gallon can, $\$ 1.50$.

## GLAZING GUN

Gratis with 40
 or 60-gal. drum of glazing cement. GLAZING PUTTY, Twemlow's Old English

Five gallons will glaze a house $100 \times 20$ feet. Being semi-liquid it can be put on with an ordinary putty bulb very quickly, and as it never becomes hard, broken glass can always be removed without any danger to the other lights. Per gal., $\$ 2.90 ; 5$ gals., $814.25 ; 10 \mathrm{gals} ., \$ 28.00$

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, $\$ 1.50$; 3 for $\$ 4.25$; doz., $\$ 14.00$; in three doz. lots, doz., $\$ 13.00$; in six doz. lots doz., $\$ 12.50$. If by mail (weight under 1 lb.).
GLAZING POINTS, Vaughan's Perfection-No rights or lefts No. 2. For large single thick glass. No. 21/2. Double thick, for greenhouses and skylights.
No. 2. Price, per lb. (about 900), 60 c ; in lots of $5 \mathrm{lbs} ., 55 \mathrm{c}$ per lb.; No. $2 \frac{1}{2}$ per lb. (about 800), 60c; 5 lbs. at 55 c per lb .
Write for prices in larger quantities. SIEBERT'S IMPROVED

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, $5 / 8$ and $7 / 8$-inch long, put up in 1 pound packages. Over 1,500
 points in 1 -lb. pkg. of $5 / 8$; over 1,000 points in $1-\mathrm{lb}$. pkg. of $7 / 8$.

Price: Per lb., $55 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 2.50 ; 20 \mathrm{lbs} ., \$ 9.00$.

## CLAMP, Peerless Repair

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house. Saves labor, coal and glass. If applied as soon as crack is noticed, the pane is just as strong as before and will not sag or drop out. Price, per box of 100 clamps, $\$ 1.35$.
DIAMOND GLASS CUTTER. With guide wheel. Each, \$4.50. RED DEVIL GLASS CUTTER. Doz., $\$ 2.00$; each, 20 c.
PUTTY KNIFE. No. 120. A very good tool. Each, $35 \mathrm{c} ; 3$ for $\$ 1.00$. PAINT, Vaughan's Greenhouse White

This is a full oil paint, has good lustre and body and not liable to peel off or crack. Per gal., $\$ 3.60 ; 5$ gals., $\$ 16.25 ; 1 / 2 \mathrm{bbl}$., at $\$ 3.00 \mathrm{gal}$.

# Stakes, Pots and Tubs 

## PLANT STAKES-A Full Line

## CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, $\$ 1.60 ; 500$ for $\$ 6.00$; per $1000, \$ 10.00$. (If shipped from New York, per $100, \$ 1.75 ; 500$ for $\$ 7.00$; per $1000, \$ 11.75$.) Special price on larger lots on application.
Heavier Grade. $1 / 3$ run 8 to 9 ft .; $1 / 39$ to 10 ft .; balance 10 to 11 ft . Weight about 250 pounds per 1000 . Price (if shipped from Chicago), per $100, \$ 2.40 ; 500$ for $\$ 9.50 ; 1000, \$ 16.50$. (If shipped from New York, per 100, $\$ 2.65$; per $500, \$ 10.00$; per $1000, \$ 18.00$.)
Japanese Bamboo Stakes, Plain and Green Painted.


Pipe Stems, 4 to 6 ft long, weight, per 1000, 54 lbs . F. O. B. Chicago, 100 for $\$ 1.00 ; 500, \$ 4.00 ; 1000, \$ 7.25$.
Heavy Chinese Tonkin Stakes, Natural Color. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

## Length

4 ft.
4 ft.
5 ft.
$6 \mathrm{ft}$.


| F.o.b. | F.o.b. |
| :---: | ---: |
| New York | Chicago |
| Per 100 | Per 100 |
| $\ldots \$ 3.50$ | $\$ 4.00$ |
| $\ldots 5.50$ | 5.75 |
| .65 | 6.75 |
| 7.00 | 8.00 |
| .88 .00 | 9.00 |

Wooden, Green. Handsome and convenient for Gladiolus, etc.

| Per 100 |  |  | Per 100 |
| :---: | :---: | :---: | :---: |
| Light, $11 / 2$ fee |  | Light, | 9.70 |
| Light, 2 fee | 3.50 | Light, | 12.50 |
| Light, $21 / 2$ feet | 4.90 | Heavy, 3 feet | 10.00 |
| Light, 3 feet | 6.25 | Heavy, 4 feet | 13.40 |
| Light, $31 / 2 \mathrm{fe}$ | 8. | Heavy, 5 feet............ 17.00 |  |
| vanized Steel Wire Stakes. Write for latest quotations on uantities. Far superior to wooden stakes and practically indeructible. We supply largest buyers. |  |  |  |
|  |  |  |  |
| Gauge, No. 9 Wire | $100 \quad 1000$ | No. 8 Wire 100 | 1000 |
| 11/2 feet....... | \$0.80 $\quad 5.50$ | 31/2 feet....... $\$ 1.90$ | \$15.65 |
| 2 feet. | 1.00 - 7.25 | 4 feet....... 2.15 | 16.95 |
| 21/2 feet | $1.20 \quad 9.00$ | 5 feet....... 2.50 | 20.00 |
| 3 feet. | 1.4010 .50 | 6 feet....... 2.95 | 24.95 |

CLIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price, $\$ 2.25$ per 1000 . Samples mailed free.
GRAFTING WAX. Per $1 / 4-\mathrm{lb}$. bar, 15c; 1/2-lb. bar, 25e; 1 lb., 45c.


## SOD CRUSHERS.

No. 1 Machine. Total height, 46 inches; size of roll, $6 \times 21$ inches; suitable for 5,000 feet or less of glass. Each, $\$ 22.50$
No. 2 Machine. Total height, 46 inches; size of roll, $6 \times 42$; suitable for large establishment. Each, $\$ 32.50$.
FLOWER TUBS. "Richmond Style."
These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices F. O. B. Chicago or New York.


|  | Inside Top |  |  | Four |
| :---: | :---: | :---: | :---: | :---: |
|  | Diameter | Depth. | Price, Each |  |
| No. 1 | 6 in. | 6 in. | \$0.75 | \$2.90 |
| No. 3 | $8 \mathrm{in}$. | 8 in. | . 90 | 3.50 |
| No. 5 | 10 in . | 9 in. | 1.10 | 4.20 |
| No. 7 | 12 in. | $11 \mathrm{in}$. | 1.55 | 5.80 |
| No. 9 | 14 in. | 13 in. | 2.10 | 8.00 |
| No. 11 | 16 in . | 15 in. | 2.65 | 10.20 |
| No. 13 | 18 in. | 17 in . | 3.35 | 13.00 |
| No. 14 | 19 in. | 18 in. | 3.75 | 14.40 |

[खु Prices on pots subject to change without notice IMPROVED NEPONSET PAPER FLOWER

POTS. The famous pot with a new use. A water. proof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

| Per 1000, | Per 1000, | Original <br> crates | Gross wt <br> of 1000 <br> f. o. b. |
| :---: | ---: | :---: | :---: |
| New York |  |  |  | | Chicago |
| :---: |$\quad$| hold |
| :---: |
| pots about |

## FLOWER POTS, Standard Red

F. O. B. Chicago.

We ship in original crates only. Please note the number of pots in crate, as at present labor costs we cannot break bulk.


| 3n- |  | No. of Pots | Per |  | No. of Pots | Per |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - |  | in crate | 100 |  | in crate | 100 |
| - | 6 inch. | 117. | \$ 6.60 | 9 inch. | . 28 | \$21.75 |
|  | 7 inch. | 99 | 10.90 | 10 inch | 24 | 29.0 |
| + | 8 inoh | 50. | 15.20 | 12 inoh | 6. | 58.00 |

BULB PANS

|  | Doz. | Per 100 | Doz. | Per 100 |
| :---: | :---: | :---: | :---: | :---: |
| 5 inch. | . $\$ 0.80$ | \$4.45 | 8 inch... \$2.25 | \$15.20 |
| 6 inch. |  | 6.60 | 10 inoh. . 3.85 | 29.00 |
| 7 inch. | . 1.70 | 10.90 |  |  |

## THE LITTLE WONDER NO-DRIP HANG-

ING BASKET. A self-watering basket which gives the plants plenty of air and perfect drainage, thus promoting the greatest possible growth. The patented irrigator and nodrip feature of this basket make it an ideal basket for either porch or inside use.


## Success Self-Watering Flower Boxes

SUCCESS SELF-WATERING FLOWER BOXES. Are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight.
Outside dimensions of Window Bozes, Model A.

| Length | Width | Depth | Price |
| :---: | :---: | :---: | :---: |
| 24 inch | 81/2 inch | 61/4 inch | \$1.65 |
| 30 inch | $81 / 2$ inch | $61 / 4 \mathrm{inch}$ | 2.10 |
| 36 inch | 81/2inch | 61/4inch | 2.85 |
| 42 inch | 8112 inch | 61/4 inch | 3.50 |

## Sprayers, Blowers and Sprinklers



Success Spray Pump. Excellent for use in gardens, greenhouses and orchards; also for whitewashing and spraying poultry houses. Price, without pail, $\$ 7.00$.
The Kinney. Used for spraying liquid manures. Worked by water pressure. Nickeled iron; construction simple. Each, \$2.50.
Prefection Sprayer. The tank is made of heavier metal than used for similar sprayers, while the valve and pump are very well made. The hose is attached at such an angle that it will not kink. Unexcelled for Whitewash,

wo styles.
Galv'zed steel,\$6.50;


WHEELBARROW SPRAYER Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disiufectants or whitewash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds $121 / 2$ gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, $\$ 22.50$. Sbipping weight, 80 lbs.
Greenhouse Wheelbarrow Sprayer. Similar to above, but with smaller pump. Each, \$14.00.


The American Beauty Dust Sprayer

## The most powerful hand duster made.

 Has a large, powerful bellows, that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price $\$ 20.00$. Write for leaflet of the American Beauty Dust Sprayer.
## See page 25 for Insecticide Nozzles

POWDER GUNS. The best dry powder guns for blowing powder on plants and insects.
Cyclone. Each, 20c. Jumbo, each, 45c.

## SCOLLAY'S FAMOUS FLORISTS' SPRINKLER

We are General Western Agents
None better for fioral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other Sprinkler in the market.
Large size, plain top, No. 1, 6 in. high, each $\$ 1.35$; doz., \$13.50.


Pneumatic Sprayer. Compressed air hand-sprayer. Cuts labor of ordinary sprayer in half. Will throw a fine mist. Splendid for applying insecticides. 1-qt. size. Galvanized Tank; each, $\$ 1.25$; brass tank, each, $\$ 2.00$.
DUSTER-Leggett's Little Giant.
The best dry powder gun; can dust two rows at a time. Each, $\$ 10.00$.


DUSTER. Lowell. Handy for dusting any dry insecticide. Operated same as hand-sprayer. Each, 855 c; 3 for $\$ 2.25$.
POWDER BELLOWS. For dusting with sulphur or like material. Made of hardwood with best calfskin, receivers in polished zinc with large opening for powder. 17 -in., each, $\$ 1.75 ; 21$-in.,


Peerless Sulphur Blower. The best machine on the market for applying sulphur, Paris green, slug shot, etc., to plants in greenhouses. A $200-\mathrm{ft}$. greenhouse can be easily powdered in 5 min . with this machine. Each, \$7.50.

## Trowels, Lawn and Pruning Tools

## $\frac{\text { SAWS, Double-Edged Pruning, }}{16 \text {-in., } \$ 1.60 ; 18 \text {-in., } \$ 1.75 ; 20 \text {-in., } \$ 1.85} \begin{gathered}\text { Vaughan's Perfection Pruning. }\end{gathered}$

Made of the best steel with adjustable blade, so a n y branch can be easily removed close to trunk of the tree. Can be used as a handsaw or fastened to any size pole. Each, $\$ 2.35 ; 3$ for $\$ 6.75$; extra blades, 25 c.

\# Califorria Pole Trimmer Curved, draw-cut saw with crook for removing branches. Each, $\$ 2.35$.
Forester Pruning Saw. Makes heavy pruning easy and saves time. 26 inches long. Each, \$1.85.
SHEARS, Pruning. 6 -in., $\$ 1.50 ; 9$-in., $\$ 1.75$. Extra springs, ea., 15 c. Levin's Improved. Each, 85c.
Henckel Twin Brand Imported Pruning Shears, with ratchet, $71 / 2$-inch. Each, $\$ 2.75$; $81 / 2$-inch, each, $\$ 3.00 ; 91 / 2^{-}$ inch, each, $\$ 3.50$.
Henckel. Calif. pattern, with
brass spring. Each, \$3.25.

Grass. Vaughan Doo-Klip, for trimming around beds. Each, \$1.35. Border. Long handle, 9 -inch, $\$ 4.75$.
Sheep Shears, all-steel. Best quality, $\$ 1.35$.
Hedge. Best imported. 8-inch, notched, $\$ 3.00 ; 9$-inch, notched, $\$ 3.25 ; 10$-in., notched, $\$ 3.50$. Buckeye Pruner. 20 -inch handle, \$1.85; 26-inch handle, \$2.35.
Clyde Draw-Cut Pruner. $24-\mathrm{in}$, handle, $\$ 3.50$.
SICKLE. Grass Hook. (English, Riveted Back.) Each, 85c.
Domestic Knuckle Saver. Each, 85c.
TREE PRUNERS. Waters' 6 ft ., $\$ 1.65 ; 8 \mathrm{ft}$., $\$ 1.85 ; 10 \mathrm{ft}$., $\$ 2.00$; $12 \mathrm{ft} ., \$ 2.25$. Extra blades, each, 25 c .
No. 4 Jointed Tree Pruner, 12 ft ., in three 4-ft. sections. Ea., 85.50. TROWELS. Vaughan's Steel. Absolutely the best trowel in the world. It is one solid piece of steel, and will outwear several of the ordinary sort. Each, 95c; 3 for $\$ 2.75 ; 6$ for $\$ 4.50 ; 12$ for $\$ 8.50$.
Ordinary Garden Trowel. 6-inch, 15 c ; dozen, $\$ 1.50$.
English Steel. An excellent trowel, neat and durable; 6 -inch each, 35 c ; 3 for $\$ 1.00$; dozen, $\$ 3.00$.

# Insect Destroyers 

CYANOGAS CALCIUM CYANIDE "G." Greenhouse furnigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for orop-destroying rodents. Lb., $75 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 3.00 ; 25$ lbs., $\$ 10.00 ; 100$ lbs. $\$ 30.00$. Write for leaflet.
NIKOTEEN. $30 \%$. $1 / 2$ pt., $\$ 1.10 ;$ pt., $\$ 2.00$; 3 pts., $\$ 5.75$. Per original case, 10 pts., $\$ 18.00$.
NIKOTEEN. $40 \% .4 \mathrm{lbs} ., \$ 7.00 ; 8 \mathrm{lbs} ., \$ 13.00$.
NICO FUME FUMIGATING POWDER. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 1-lb. tin, $\$ 1.00 ; 5$ lbs. for $\$ 3.75 ; 10-\mathrm{lb}$, $\mathrm{tin}, \$ 6.85$.
APHINE. 1 pt., 65 c ; 1 qt., $\$ 1.00 ; 1$ gal., $\$ 3.00$.
ANTROL. Cottage sets containing 9 jars and 6 oz . bottle of syrup; price, $\$ 1.90$. Extra jars; each, 20c. Pint bottle of syrup, $\$ 1.00$; gallon, $\$ 4.00$.
BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew; blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb . will make 5 gallons liquid. Lb., 40 c; 5 lbs., $\$ 1.50$; 25-lb. kegs, $\$ 5.25$.
EVERGREEN. Non-poisonous Insecticide. 6 oz . bottle, $\$ 1.00$; 16 oz. bottle, $\$ 2.00 ; 32$ oz. bottle, $\$ 3.85$; gal. bottle, $\$ 13.00$.
FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., $30 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 1.25$.
FLOWERS OF SULPHUR. Lb., 12c; 10 lbs., $\$ 1.00 ; 50$ lbs., $\$ 3.50$; 100 lbs ., $\$ 6.00$.
FUNGINE. New remedy for mildew, rust and other fungus diseases, for greenhouse and outdoor use. Pint, 65c; 1 qt., $\$ 1.25 ; 1$ gal., $\$ 3.00$.
GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 5 lbs., 95 c ; 10 lbs., $\$ 1.80$.
HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per $1 / 4 \mathrm{lb} ., 20 \mathrm{c} ; 1 / 2 \mathrm{lb} ., 35 \mathrm{c} ; 1 \mathrm{lb} ., 60 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 2.75 ; 10 \mathrm{lbs} ., \$ 5.00$. LEMON OIL. Destroys mealy bug, scale, red spider. $1 / 2$ pt., $35 \mathrm{c} ; \mathrm{pt} .60 \mathrm{c}$; qt., $\$ 1.00 ; 1 / 2$ gal., $\$ 1.75$; gal., $\$ 3.00 ; 5$ gals., $\$ 12.00$.

USPULUN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings and disinfection of seed bed suil. Prices, 2 oz., 50 c ; $1 / 2 \mathrm{lb}$., $\$ 1.60$; 1 lb ., $\$ 2.75$; 5 lbs., $\$ 13.00 ; 25$ lbs., $\$ 62.50$. Write for leaflets stating for what purpose desired.
BAYER DUST. For dry treatment. Prices, $1 \mathrm{lb} ., \$ 1.75 ; 5 \mathrm{lbs} ., \$ 8.00 ; 25 \mathrm{lbs} ., \$ 37.50$.
ing, contains 40 per cent nicotine, $1 / 4 \mathrm{lb} ., 75 \mathrm{c}$; 1 lb., $\$ 2.00$; 4 lbs., $\$ 6.25$; 8 lbs., $\$ 11.50$.
"NICO-FUME." A tobacco Paper for Fumigating. Strips of paper strongly saturated with nicotine. These when suspended and lighted make one of the best and simplest methods of fumigating greenhouses. Use 4 to 6 sheets for ordinary house 100 ft . long by 20 ft . wide. Price 24 sheets, $\$ 1.25 ; 144$ sheets, $\$ 5.00$; 288 sheets, $\$ 8.75$. Prices subject to change.

## SCALICIDE. An oil preparation for spraying San Jose Scale.

 Qt., 75 c ; gal., $\$ 1.75 ; 5$ gals., $\$ 6.25 ; 10$ gals., $\$ 10.60$.SNAROL BAIT MEAL. For controlling cutworms, snails, slugs, sowbugs, and earwigs. $1 \mathrm{lb} ., 50 \mathrm{c} ; 3 \mathrm{lbs} ., \$ 1.00 ; 15 \mathrm{lbs} ., \$ 3.75$.
VERMINE. For eel, cut worms and wire worms, working in the soil. It can be applied to all vegetation. Pint, $65 \mathrm{c} ;$ qt., $\$ 1.00$; gal., $\$ 3$.
TOBACCO DUST (Regular Grade). 5 lbs., $35 \mathrm{c} ; 10^{\circ} \mathrm{lbs}$., $60 \mathrm{c} ; 100 \mathrm{lbs} ., \$ 4.00$.
TOBACCO STEMS. These prices subject to change without notice, on account of the uncertain supply. 100 lbs ., $\$ 2.25 ; 500$ lbs., $\$ 9.00$; 1000 lbs., $\$ 17.50$.
SLUG SHOT, Hammond's. Price, $1 \mathrm{lb} ., 20 \mathrm{c} ; 5 \mathrm{lb}$. package, 60 c ; 25 to $50 \mathrm{lbs} .$, at $101 / 2 \mathrm{clb}$. Per keg $125 \mathrm{lbs} ., \$ 12.00$; barrel, 250 lbs . in bulk, $\$ 23.00$. Slug Shot Duster. Large size, 60 c .
SULPHO-TOBACCO SOAP. One of the best remedies for greenfly on roses. Per 1/2-lb. box, 25c; by mail, 30c. Doz., $\$ 2.50$; 3-oz. package, each, 15 c ; doz., $\$ 1.25$.
THRIP JUICE. Destructive for mealy bug, scale, thrip, cadlin moth, canker worm, beetles, caterpillars, etc. Per pt., 75c; qt., $\$ 1.10$; gal., $\$ 3.25$.
VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and thrips. Pint, 75c; qt., $\$ 1.00$; gal., $\$ 3.00$; 5 gal., \$12.00.
WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphis, red spider, mildew, scale, etc., for inside and outside spraying. Price, quart, $\$ 1.00$;gallon, $\$ 3.00$; 5 -gallon can, $\$ 12.00$.

## Vaughan's High-Grade Fertilizers <br> The highest grade only. Guaranteed analysis. Prices net cash and <br> \section*{NOTE-These prices are f. o. b Chicago.}

NITRATE OF SODA or Chili Saltpeter. Not a substitute for other manures, but the cheapest and best form in which to apply Nitrogen to plants. Price, 10 lbs., $90 \mathrm{c} ; 25$ lbs., $\$ 1.90 ; 100 \mathrm{lbs}$., $\$ 5.35 ; 500$ lbs., $\$ 24.25$; 1000 lbs., $\$ 45.25 ; 2000 \mathrm{lbs} ., \$ 89.00$.
SHEEP MANURE. Vaughan's Pulverized. Pure, dry, finely ground, put up in 100 -pound sacks. Our supply is of uniform quality, saved under shelter and not leached. Price, 25 lbs ., $\$ 1.15 ; 50 \mathrm{lbs} ., \$ 1.65 ; 100 \mathrm{lbs} ., \$ 2.65 ; 500 \mathrm{lbs} ., \$ 10.00 ; 1000 \mathrm{lbs} .$, $\$ 17.00 ; 2000$ lbs., $\$ 33.00$.
FLORANID UREA. A highly concentrated fertilizer, containing 46 per cent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. Price, lb. can, 75 c ; 50 lbs . for $\$ 11.00$. Write us for prices on larger quantities.
CATTLE MANURE, Shredded. An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings, giving it an even quality. Price, 100 lbs., $\$ 2.65 ; 500$ lbs., $\$ 10.00 ; 1000$ lbs., $\$ 17.00 ; 2000$ lbs., \$33.00.
VAUCHAN'S LAWN AND GARDEN FERTILIZER 6-8-6. Does the work of twenty times its weight of farmyard manure, and does it better, more quickly and cheaper and lasts longer. Sterilized. Contains no weed seeds. Easily applied. Put up in neat packages and bags. Price, 25 lbs., $\$ 1.65$; 50 lbs., $\$ 2.65$; 100 lbs., $\$ 4.50$; 500 lbs., $\$ 20.00 ; 1000$ lbs., $\$ 39.00 ; 2000$ lbs., $\$ 76.00$.
CLAY'S FERTILIZER. Imported. Price, $28 \mathrm{lbs} ., \$ 3.95 ; 56 \mathrm{lbs}$., $\$ 6.95 ; 112$ lbs., $\$ 12.90$.
SCOTCH SOOT (Genuine Imported). Price, 25 lbs., $\$ 1.85$; 50 lbs., \$3.15; 100 lbs., \$6.25.
HORN SHAVINGS. Quick acting and lasting. Price, 5 lbs., 85 c ; 10 lbs., $\$ 1.45 ; 25$ lbs., $\$ 2.35$; 50 lbs., $\$ 4.15 ; 100$ lbs., $\$ 6.95$

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## Wreath and Bouquet Materials

For Prepared Leaves, Sprays and Mosses see Back Cover.

MATCH-STICKS. Either natural wood or dyed green. Natural


Wood. 1 box, 10 c; 3 boxes, 25 c; 7 boxes, 50 c; 15 boxes, $\$ 1.00$; 35 boxes, $\$ 2.00$; 1 case, 100 boxes, $\$ 4.75$.


## Lab

LABELS (Pot). We carry
the best quality of the best quality They are smooth, strong and neat.
In lots of 5,000 we allow a discount of 5 per cent.
Per 1000 Wooden, 4-in., plain, 10,000 , $\$ 12.50$
.........
Plain Painted
 $\$ 1.35$
$\qquad$ $\ldots$ …75
$\qquad$ $\begin{array}{ll}2.00 & 2.65 \\ 5.60 & 6.60\end{array}$ 6.858 .00


## LABELS (Tree). Plain Painted

$\begin{array}{llll}\text { Wooden, } 31 / 2 \text { in. iron wired. .......per } 1000 \ldots . . & \$ 1.60 & \$ 2.00 \\ 31 / 2 & \text { in. copper wired.... . per } 1000 \ldots . . & 1.95 & 2.35\end{array}$
COPPER LABELS. Wired, indestructible. Per 100, \$1.60; larger size, per $100, \$ 2.25$.


CYPRESS LABELS. For use outside. Very lasting under all weather conditions. Splendid for perennial plants. Made of $3 / 8$-inch timber. Paint with white lead before using, and write before paint dries.
Length, 16 inches
per $100, \$ 3.50$
ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. The writing is done with an ordinary lead pencil, gets plainer with age. They are copper wired and measure $33 / 4 x^{3 / 4}$ inches. Price per $100, \$ 1.60$.

WIRE.(Prices subject to change.) Bright Annealed.

Per lb. 6 lbs. 12 lbs
No. 18. . $\$ 0.25$. . $\$ 0.75$. . $\$ 1.10$
No. 20.. .25. . .85.. 1.20
No. 22.. . 30 . . 1.00.. 1.35
No. 24.. .35. . 1.15.. 1.60
No. 26.. . 35 .. 1.30.. 1.75
No. 28.. .40. . 1.40.. 2.00
No. 36.. .70.. 2.50.. 3.25

## FLORISTS' CUT WIRE. Clean,

extra soft white wire, cut in 12 or 18 -inch lengths, 12 lbs. to box.

| No. | 18 | 20 | 21 | 22 | 24 | 26 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Price.............. $\$ 1.30$ | $\$ 1.50$ | $\$ 1.60$ | $\$ 1.70$ | $\$ 2.40$ | $\$ 2.65$ |  |



TWINE "The Queen" White Cotton Twine. For tying parcels, flowers, etc. Put up in $5-\mathrm{lb}$. sacks. Price, $\$ 2.60$.
Polished Cotton. No. 228, for parcels. Per lb., 60 c .
Jute. For bunching; 2 or 3 -ply. Per lb., 32 c ; 10 lbs., $\$ 2.75$; per 100 lbs . $\$ 23.00$.
Silkaline. For, stringing Smilax, etc., fast green color, will not fade nor break. FFF, Coarse 2 -oz. spools, 1 lb . in box, 8 spools, \$2.25: FF, Medium, 2 -oz. spools, 1 lb . in box, 8 spools, $\$ 2.25$; F, Fine, 2 -oz. spools, 1 lb . in box, 8 spools, $\$ 2.25$.
Florists' Thread, Green. Similar to Silkaline. Samples on application. 8 spools to a box. Per lb. box, $\$ 1.45$; 10 boxes at $\$ 1.25$ per box; 25 boxes at $\$ 1.15$ per box.

## Green Sea Island Twine

 Used for wrapping smal packages-also for spray and design work. Putup in balls. 1 lb . box, 80 c5 boxes at 75 c per box.


# Special Bowl Assortments 



No. G. 3- $\mathbf{3 6}$ Colored Satin Finish Glass Bowls. These bowls are specially shaped for bulbs and equally attractive for flowers, made of the best grade of flint glass, in a rich beautiful satin finish in the following colors: Nile Green, Light Blue, Rich Deep Amber, and Black. Made up as follows: $1551 / 2$-in., 15 $61 / 2-\mathrm{in}$., $69-\mathrm{in}$. bowls of assorted colors. Price, $\$ 14.50$.
Gravel, Fibre, Plain and Colored Pearl Chips. Bulb Fibre. Prepared for growing Bulbs in bowls, at $\$ 5.50,100 \mathrm{lbs}$.
Pearl Chips, for growing Bulbs in bowls, at $\$ 3.50,100 \mathrm{lbs}$.
Sea Shore Gravel, at $\$ 2.50$ per 100 lbs .
Write us for prices on larger quantities.

## At Attractive Savings

BECAUSE of the saving to us in handling we are able to offer special prices on case assortments. These are madc up to provide a well-chosen variety of colors and sizes for your stock. Prices f. o. b. Chicago.

F. L. Style Pottery Bowl

No. A. 3-36 F. L. Style Pottery Bulb Bowls. Made up as fol ${ }^{-}$ lows: 155 -in., 156 -in., 68 -in. bowls of assorted colors including Matt Green, Blue Glaze and Jet Black.
For breakage in transit immediate claim should be filed with the railroad. Not responsible for breakage if shipped via parcel post. Price, $\$ 11.50$.
F. L. Style Pottery Bowls, in matt green, gloss green, glaze blue, jet black.
$5-\mathrm{in}$. diam., doz., $\$ 2.75$; 6-in. diam., doz., $\$ 4.00$; 8 -in. diam., dez. $\$ 6.50$. Packing charges at cost.

Place orders early to insure getting desired colors.

## Ribbons and Chiffons



Nu Idea Silk Fibre Ribbon. Used for tying mats and crepe paper around pots, also used for making bows for basket and wreath work. Put up in 50-yard spools. Comes in all colors. Price per spool, $\$ 1.15$. Box of 20 spools at $\$ 1.00$ spool.
Plain Edge Metaline Shower Ribbon No. 2. 50-yard spool, \$1.00.
Pecot Edge Metaline Shower Ribbon. Something new and very rich looking; Price per reel of 50 yds., $\$ 1.25$.
Pecot Edge Ribbon. Suitable for plant decorations, bridal sprays, etc.; white and pink. No. 2, spool of 50 yards, $\$ 1.25$.
No. 1 Baby Ribbon. Any color. Spool of 50 yards, $60 \mathrm{c} ;$ doz., $\$ 6.75$. Fibre Ribbon. Silk finish, 1-inch width; all colors. 50-yard bolt, $\$ 1.25$.


Corsage Shields. Lacette's. All colors. Per doz., \$2.00; gross, $\$ 21.00$.
Corsage Pins, 4 -inch; assorted colors. Per gross, $\$ 2.00$.
Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, \$6.50.

## Mats and Pot Covers

PORTO RICO MATS. These artistic mats used for decorating all blooming plants, in solid and fancy two-toned colors. Doz., $\$ 2.00$; per 100, $\$ 10.50$. Write for prices in larger quantities.
POT COVERS, Crepe Paper. Waterproof without bottom.

[^1]

Ribbonzene Crinkle Ribbon No. 1. All colors. 500 -yard spool, $\$ 1.15$; doz. spools, $\$ 12.00$.


Dotted Chiffon, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4 -inch, per yard, 7c; 6-inch, per yard, 9c.
Plain 3-Stripe French Chiffon. Superior quality. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 6 c ; 6 -inch, per yard, 7 c ; in 6 -bolt lots, $61 / 2 \mathrm{c}$ per yard.
Satin Taffeta, All Silk, for Holly and Roping Wreaths, also for bows on basket-handles.
No. 16 Width, $21 / 4$ in. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $\$ 1.30$
No. 22 Width, $21 / 2$ in............................................ . . . 1.65
No. 40 Width, 3 in........................................... . . . . . 1.90
No. 60 Width, 358 in. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2.10
No. 80 Width, 4 in...................................................... 2.35
Above prices are per bolt of 10 yds.

## Reeds and Raffia

| REEDS. | Perlb. | 5 lbs. Perlb. |  | Perlb. | 5 lbs. Per lb |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No. 1. | . 95 | \$0.9 | No. 5. | 0.75 | 0 |
| No. 2 | . .90, | . 85 | No. 6 | . 75 |  |
|  | . 85 | . 80 | No. 7. | . 65. | 0 |
| No. | . 80 | . 75 | $3 / 8$-1 |  |  |

RAFFIA. Natural, Best Grade, f. o. b. Chicago. Lb., 45c; $5-\mathrm{lb}$. lots, per lb., 40 c ; $10-\mathrm{lb}$. lots, per lb., 35 c ; $100 \mathrm{lb} ., \$ 30.00$. Bale lots (about 225 lbs .), per 100 lbs ., $\$ 29.00$.
Dyed-Old gold, pink, purple, emerald green, dark red, bright red, black, navy blue, orange. Per lb., $85 \mathrm{c} ; 5$ lbs. at $80 \mathrm{c} ; 10 \mathrm{lbs}$. at $78 \mathrm{c} ; 25 \mathrm{lb}$. at 75 c . Samples on application.

## VAUGHAN'S LAWN MIXTURES

MANY of our Florist customers find a most profitable side line in selling our high Quality Lawn Grass Seeds.
Vaughan's"Chicago Parks," "Central Park" and "Columbian" Mixtures are the highest grade possible to make. There are no brands so well or favorably known, and our extensive advertising make Vaughan's Lawn Grass Seed a sure and ready seller.

## VAUGHAN'S "CHICAGO PARKS" AND <br> "CENTRAL PARK" LAWN MIXTURES



PANAMA-PACIFIC EXPOSITION

$\begin{array}{rc}\text { Each } & 100 \\ \$ 0.35 & \$ 32.50\end{array}$
One-pound packages (sell for 50c each)
$1.65 \quad 31.00$
In Bulk.
"Quick Show Mixture" for immediate effect \$2.60 $\$ 24.00$

"Home Grounds" Mixture
$\$ 35.00$ to $\$ 40.00$ per 100 lbs ,
Fancy grade- $\$ 45.00$ per $100 \mathrm{lbs} ; 10$ lbs., $\$ 4.70$.
ALL GRASS SEED SOLD ON NET CASH TERMS.

## BUSINESS RULES

TERMS ON FLORISTS' STOCKS. To customers of approved credit, 60 days, except on certain cash items. Special 2 per cent discount for cash in ten days (from these list prices only), not from the "Special" quotations and excepting net cash items.
C. O. D. We prefer not to send goods C. O. D., but when wanted in that manner some money must accompany order. Perishable Stock, Plants, etc., are POSITIVELY not sent C. O. D
WHERE SOLD. Our stocks are sold F. O. B., Chicago, New York or Western Springs (unless otherwise stated), and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines. Our prices are made on values of these stocks at shipping point, and if we are to accept transportation risks we can do so only at advanced prices.
ROUTING. On each Order please give name of express company or railroad you wish to use; there is no other sure way of correct routing. Do not use the words send, ship, forward-they mean nothing. When Express or Freight.
INSURANCE. We insure all orders for seeds for $\$ 2.00$ and over at buyer s expense, unless instructed not to do so. Please give explicit instructions when ordering.
REMEMBER: "Little omissions make great errors," and kindly give us in EACH ORDER the correct names, sizes, grades and prices of the stocks you order from this catalogue, and the routing, the name of the express like details. This prevents date and like details. This prevents misunderstandings.

FIRST ORDERS from all firms not having an account with us should con
BOOK ACCOUNTS. Customers who wish to open accounts will please supply usual trade reference or property statement. If the business is a partnership or a corration, be sure to give the names of partners or officers and signsturpo of th,解 accounts for cash goods. All "Holiday stocks" are sold strictly on cash terms, and hence fall under this rule.
IMPOSSIBLE TO GUARANTEE CROPS. We do not warrant in any ay, expressed or implied, the contents, or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants, sold by us, and we will not in any way be responsible for the crop If the customer does not accept these goods on above terms, no sale is made theoeof, and he must return them at once, and money will be refunded. Subject to above conditions and by reason thereof, we make our sales at the moderate pricesquoted in our catalgoue. All orders to all states shipped, subject to customers assuming risk in regard to their state entomology requirements.
ORDERS FOR BULBS, ONION SETS, and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control, we not guaranteeing to supply same if so lost.


IN $1 / 2,1$ AND 5 LB. CARTONS

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| Calochortus.. . . . . . . . . . . 27 | Fish Supplies. | Ixias . . . . . . . . . . . 7 | Oak..... . . . . . . . . . . . 21 | Saws, Pruning. . . . . . . . . . 28 | Vases |
| Candytuft . . . . . . . . . . . . . 9 | Flwer Boxes Back Cover | Japanese | Oak Sprays... Back Cover | Scilla.............. 7 |  |
| Cannas........... 17 | Flower Molders $24$ |  | Oxalis............... 7 | Seed Racks. . . . . . . . Insert | Verbena |
| Cape Flowers . . . . . . . 2 | Flower Pots . . . . . . . . . . 27 |  |  |  | Vinca |
| Carnation Bands. .... 24 Carnation Staples. .... 24 | Flower Seeds. . . . . . 8 to 13 | $\text { Knives . . . . . . . . . . . . . } 25$ | Paint. . . . . . . . . . . . . . . . . . . 11. | Shells, Aquarium. ${ }^{\text {a }}$. . . Inside Back ${ }^{\text {Cover }}$ | Vines, Hardy |
| Carnation Staples..... 24 Catalpa. ............ . 21 | Forget-Me-Not. . . . . . 8, 10 | Labels . . . . . . . . . . . . . . . . . . 30 | Paper . . . . . . . . . . . . . . . . . . . . 30 | Shrubs . . . . . . . . . . . 19-20 |  |
| Cello Glass. . . . . . . . 26 | Fr | Larkspur . . . . . 10, Insert | Pearl Chips . . . . . . 31 | Sickle. . . . . . . . . . . . . 28 | Walnut |
| Chionodoxa.......... ${ }^{6}$ | Fruit Trees $21$ | Lawn Grass Seed..... 32 | Pencils, Indelible .... 30 | Sieves . . ir . . . . . . . . 26 | Watering |
| Chrysanthemum..... 18 | Fuchsia. . . . . . . . . . . . . . . 16 | Lettering . . . . . . . . . 24 | Peonies............. 15 | Silkaline (Twine) . . . . . 30 | Wheelbarro Wire |
| Cineraria. . . . . . . . . . . . . . 10 | Geraniums . . . . . . . . . . 16 | Lilies, Hardy Lily of the Valley...... 4 | Perennials . . . . . . . . . . . . . . 18 | Snapdragons... . . . . . . . . 24. | Wire Plant St |
| Clarkia..... ........... 9 | Gladiolus . . . . . . . . . . 7 | Lilium Candidum. .... 4 | Phlox, Hardy . . . . . . . 18 | Snowdrops. . . . . . . . . . 7 | Wire Design |
| Clematis............. 18 | Glass Cutter . . . . . . . . 26 | Lilium Formosum.... 4 | Pins . . . . . . . . . . . . 30, 31 | Sod Crusher . . . . . . . . 27 | Wistaria |

## Vaughan's Seed Store Special Brand of Bird and Fish Supplies

BIRDS AND FISH have become established as florists' and seedsmen's side lines. Profits in this business depend as much on sales of foods and supplies as on the original sales of birds, fish, cages and aquariums. In our own retail business we have had to solve the problem of obtaining a complete line of reliable supplies which we could offer to our customers in complete confidence of their high quality. In some cases we found it necessary to put up our own; and so we decided to prepare a complete line and offer it to our wholesale trade. Everything listed here is put up by us, or especially for us and according to our specifications. Vaughan's quality is maintained throughout.


Mixed Bird Seed. The standard bird food, consisting of recleaned canary and rape in specially designed 1 -pound packages as illustrated. Per case of 3 doz., $£ 6.75$$\$ 2.25$

Special Bird Seed. A high quality balanced ration, especially for canaries, including a variety of seeds. Per case of 3 doz., $\$ 7.95$

Per Doz.
Bird Gravel. A clean washed gravel, in 2-pound packages.
Per case of 2 doz., $\$ 2.20 \ldots . . \$ 1.10$
Bird Grit. White grit for use with gravel. 2-lb. packages. . 1.10
Zenith Song Restorer. A reli-
able remedy................ 1.20
Bird Life Balls. A treat for birds, containing wild seeds, etc., which have tonic effect. 1.00
Canary Health Food, specially prepared as a change in diet. 2.00
Bird Charcoal, keeps digestive organs in condition.1.20
Cuttle Bone. ..... 60
Moulting Food ..... 1.60
Louse Powder ..... 1.20
Nesting Material ..... 75

## Fish Foods

Natural Fish Food . . . . . . . . . . 1.00
Shrimp Fish Food. . . . . . . . . . . 1.20
Wafer Fish Food............... . . 75

Aquarium Shells, Etc. Per Doz. Aquarium Shells (colored) ..... \$2.00 Aquarium Chips (pearl) ...... 1.00 Aquarium Chips (colored)..... 1.00

Books
Canary Breeding............... . 2.80
Parrots. . . . . . . . . . . . . . . . . . . . . 2.80
Feathered Pets.............. . . . 2.80
Aquaria. . . . . . . . . . . . . . . . . . . . 2.00


## Wreath and Bouquet Materials

## Prepared Leaves, Sprays and

 Mosses

MAGNOLIA. Bronze, Green. Purple. Most popularleafever introduced for wreaths, etc. Adapted to all weather conditions. Price, any color, per carton, $\$ 1.65 ; 6$ at $\$ 1.60$ each. Red,
 per carton, \$2.10.
JAPANESE AIR PLANTS. Fine decorative material. Splendid for store sales. Our stock is extra choice. Each, 15 c ; doz., $\$ 1.20 ; 100, \$ 9.00$.
LYCOPODIUM, Prepared. 10 lbs . to carton. Price, per carton, $\$ 2.75 ; 3$ cartons, $\$ 2.65$ per carton. Write for price in bulk.
OAK LEAVES, Prepared. Unsurpassed for Wreaths, Garlands, etc. Prepared in Light Autumn Red, Green and Leather-Brown. Price, per carton, $\$ 1.50 ; 6$ cartons, $\$ 1.40$ each.

RUSCUS, Red and Green. Fine holi-
day decorative article, the red having much the appearance of mammoth Salvia blooms. We carry only one grade, and that is the best. Price: Bright scarlet and green, per lb., $\$ 1.10 ; 10$ lbs. at 95 c .

METALIC RUSCUS, Silver and Gold. $1 \mathrm{lb} ., \$ 1.50$; 5 lbs., at $\$ 1.35 ; 10 \mathrm{lbs}$, at $\$ 1.25$.
Write for prices in larger quantities. STATICE, for Basket and Wreath Work. $1 \mathrm{lb} ., \$ 1.25$; $10 \mathrm{lbs} ., \$ 10.00$. Colored, per lb., $\$ 2.00$.
TIN FOIL. Price subject to change without notice. Terms cash.
Florists' Foil. 5, 6 or 7 inch, $1 \mathrm{lb} ., 25 \mathrm{c}$; 10 lbs ., $\$ 2.00$; 25 lbs ., $\$ 4.50$; 50 lbs ., $\$ 8.50 ; 100$ lbs., $\$ 16.00$.
Violet or Green Foil. Per lb., $45 \mathrm{c} ; 10$ lbs., $\$ 3.80 ; 25$ lbs., $\$ 8.75$.

## Sphagnum Moss <br> Bright, Clean, New Growth, Free From

 The best grade of Sphagnum Moss is being worked out in Wisconsin districts. Choice, dependable quality is worth more money than last year. We quote L. C. L. lots as follows: For carload lots write us.BURLAPPED BALES. ( $45 \times 14 \times 16$ inches) F.O. B. Wisconsin points, 10 -bale lots, per bale, $\$ 1.10 ; 25$-bale lots, per bale, $\$ 1.00$. Write for prices on moss in large quantities, F.O. B. Woods.
BURLAPPED BALES. (Size as above) F.O.B. Chicago. Single bale, $\$ 1.50 ; 5$ bales, $\$ 7.00 ; 10$ bales $\$ 12.50$.


Write for prices on larger quantities.
New York prices 35 cents per bale higher. Cartage higher
free.
SHEET MOSS, green, for Windows, Baskets, ete. Per sack, $\$ 2.25$.
Above prices are subject to change without notice.


OAK SPRAYS, Prepared. Large selected branches in Red, Brown and Green. Price, per $1 \mathrm{lb} ., 35 \mathrm{c} ; 10 \mathrm{lbs} .$, $\$ 3.00$. Write for prices in case lots.

## CYCAS LEAVES.

Prices subject to change without notice

| Length |  |  |
| :---: | :---: | :---: |
| 8 to 12 in |  |  |
| 12 to 16 in. | . 70 | 3.00 |
| 16 to 20 in . | 85 | 3.75 |
| 20 to 24 in . | 95 | 4.50 |
| 24 to 28 in. | 1.00 | 5.00 |
| 28 to 32 | 1.15 | 6.00 |
| 32 to 36 | 1.35 | 7.00 |
| 36 to 40 in | 1.50 | 8.50 |
| 40 to 44 in . | 1.75 | 9.50 |
|  |  | 10. |

JAPANESE ROPING or FRIZZ, Red and Green. 60 -yd. Bolts. Per Bolt, 50 c ; doz., $\$ 4.80$. Write for prices in Bale lots.

FERNS (Adiantum) Maiden Hair. Used in artificial boquets and basket work. Medium, doz., 85 c ; per 100, $\$ 5.50$. Large sprays, doz., $\$ 1.00$; per $100, \$ 6.50$.
IMPORTFD MOSS WREATHS. 12 in., doz., $\$ 2.50 ; 14$ in., doz., $\$ 3.00$.
Write us for prices on prepared Lycopodium or princess pine wreaths, plain or decorated.
IMMORTELLES, Colored. White, Purple, Bright Scarlet, Pink, Blue, Light Green; bunch 45 c ; doz., $\$ 4.80 ; 50$ bunches, $\$ 18.50$. In case lots of 125 bunches, $\$ 34.00$ per 100 bunches. Natural (Yellow), bunch, 45 c ; doz., $\$ 4.80 ; 50$ bunches, $\$ 18.50$. In case lots of 125 bunches, $\$ 34.00$ per 100 bunches.

Vaughan's Service is
Prompt and Dependable



[^0]:    NOTE-Owing to the delays and uncertainties of Imported Fertilizers, we cannotguarantee deliveries, nor can we be held responsible for loss in weight due to evaporation in transit. We deliver in original bags as received. Prices subject to market fluctuations.

[^1]:    $\begin{array}{lll} & \text { Doz. } & \text { Per } \\ \text { No. 1-To cover } 5 \text { or 6-in. pot. . } \$ 0.85 & \$ 5.50 \\ \text { No. 2-To cover } 6 \text { or } 7 \text {-in. pot. } & 1.00 & 7.50\end{array}$ $\begin{array}{llll}\text { No. 2-To cover } 6 \text { or } 7 \text {-in. pot.. } & 1.00 & 7.50 \\ \text { No. 3-To cover } 8 \text { or } 9 \text {-in. pot. . } & 1.35 & 9.00\end{array}$ No. 4-To cover 10 -in. pot..... $1.50 \quad 11.00$

